

**Sabre**<sup>®</sup>



# IN THE LIMELIGHT

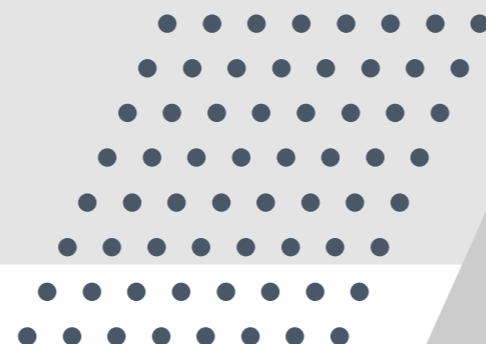
A curated collection of Sabre India's  
presence in the media

APRIL TO SEPTEMBER 2021





Featured here are news and insights about Sabre India, curated from various media channels. They will give you an insight into the creativity of our thought leaders and our journey of reinventing travel technology.





## IN THE LIMELIGHT APRIL TO SEPTEMBER 2021

**Contributor:** Surinder Bhagat,  
People leader, India and South  
Asia, Bengaluru GCC,  
Sabre Corporation

**Nature of contribution:**  
Featured article

**Publication:** HR Katha  
August 2020 Monthly Online  
Impressions: 191,910

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### Sabre organises 'Intern Boot Camp' virtually this year

*Last year, Sabre had absorbed 100 per cent of the interns into the Company for permanent positions, and is pursuing a similar goal this year too*

Read 8352 Times

By HRK News Bureau - April 1, 2021

0



Sabre Bengaluru GCC, the software and technology company, invited students from different institutions to join the Company as interns through the programme, 'Intern Boot Camp 2021' in the month of February. Its flagship university recruits programme, an annual feature for about four years now, is aimed at grooming interns, from leading technology institutes, into Sabre engineers.



#### SURINDER BHAGAT: PEOPLE LEADER, INDIA AND SOUTH ASIA

A Senior People Leader with strong experience in eCommerce, Software, Semiconductor, Hi-Tech and Retail, Surinder is known for his creativity and out-of-the box thinking. His open, transparent style has enabled him to drive strategy and programs across the globe. A great motivator to the team, he continuously coaches and mentors his team to nurture their competencies.



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## IN THE LIMELIGHT APRIL TO SEPTEMBER 2021

**Contributor:** Kamakshi R,  
Supervisor Software Engineering,  
Bengaluru GCC

Sabre Corporation

**Nature of contribution:**

By-line Article

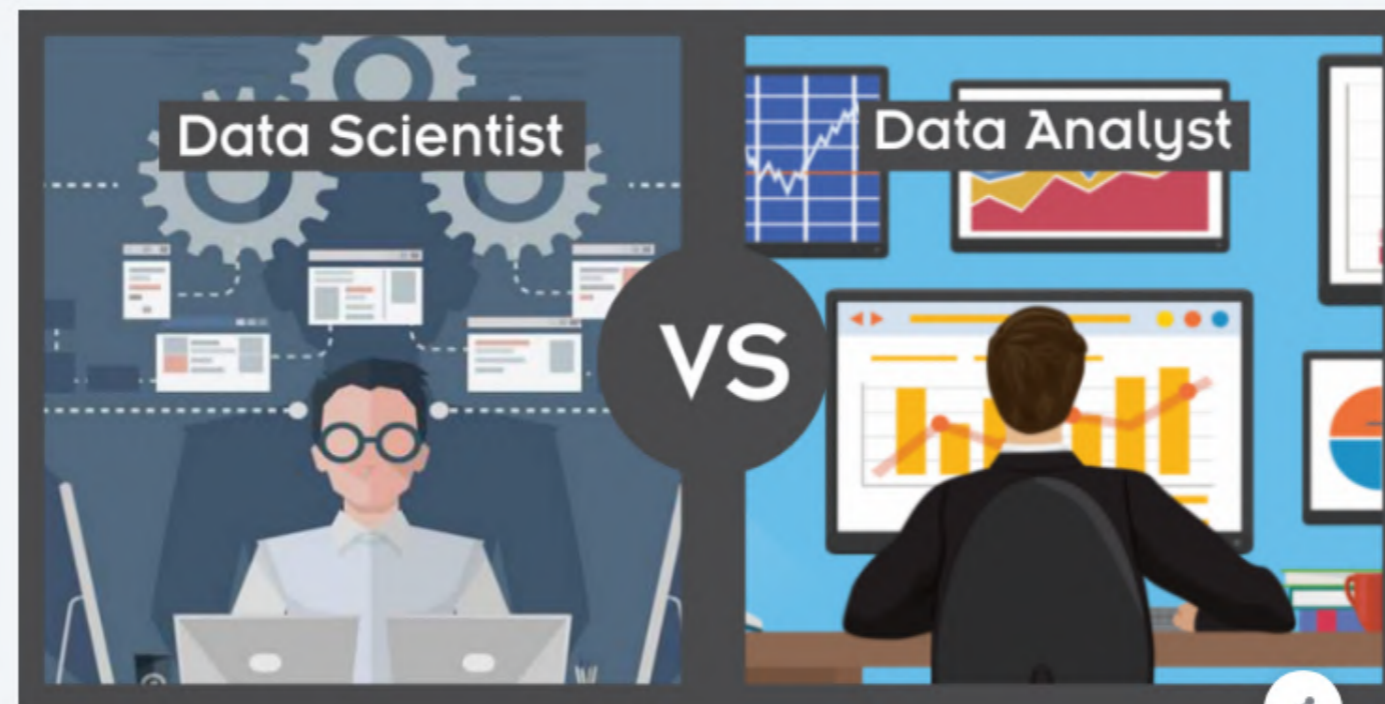
**Publication:** TECHGIG,  
April 2021 Monthly Online

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### Data Analyst vs Data Scientist: What's the difference?

EXPERT OPINION TechGig Bureau | 8 Apr 2021, 04:23 PM | Views: 1047

*Both Data Analyst and Data Scientists work extensively with data and the difference between them is all about the work they do with the data at their disposal.*



**By Kamakshi R**

The concept of Data Science is born out of two major revolutions in the information world – the use of science in all fields and the birth of the internet resulting in a multitude of data. Industries and businesses wanted to leverage this data in a better way, which would help them understand what the world wants from the business that will further help them be well ahead of their competitors.



**KAMAKSHI R:  
SUPERVISOR SOFTWARE ENGINEERING**

As Supervisor Software Engineering with experience in the IT industry for almost two decades, Kamakshi has worked in diverse domains, such as Education, Insurance, Semiconductors and currently in Travel Technology and this varied experience has shaped her, both as a person and as a professional. She is known for the hard work and thoroughness she brings to her work and is adept in creating an approachable environment while partnering with her leaders and team members to excel at any new project. Kamakshi believes that it is important for individuals to kindle their unique talents.



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## IN THE LIMELIGHT APRIL TO SEPTEMBER 2021

**Contributor:** Sudindar Rao,  
Product Delivery & Quality  
Leader, Bengaluru GCC,  
Sabre Corporation

**Nature of contribution:**  
By-line article

**Publication:** ETTravelWorld,  
May 2021 Monthly Online  
Impressions: 223,404,810

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### Leisure travel to come back with a vengeance

*Once the Covid situation is under control, not only will leisure travel bounce back, but it will also kick-off a chain reaction on different fronts, including a surge in corporate travel.*

I recently came across a news article about a big e-retailer in India buying an Online Travel Aggregator (OTA), which was catering mainly to the Leisure Travel market in India and has a 18-20per cent market share currently. This made me wonder what the incentive for the e-retailer was to acquire an OTA that was making a distress sale, due to the impact of Covid on the travel industry.

Over the years, travel has been a big part of our lives, and since the last year it has become out of bounds for us, which means all our vacation plans have been put on hold. So then why would a big e-retailer buy an Online Travel Aggregator (OTA) now? Curious, isn't it? I see this as a golden opportunity for the e-retailer to get into the OTA market with a very low investment, and then possibly diversify its product portfolio over time. If you connect the dots, you will get a fair picture of how this is going to play out in the next 2 to 3 years.



#### SUDINDAR RAO: PRODUCT DELIVERY & QUALITY LEADER

As an expert in problem solving, Sudindar focusses on customers problems and product quality challenges. A capable mentor who enjoys working with people, and is skilled in building new teams and managing them. He has worked in large, medium startups & MNC Corporations. He also has expertise in problem solving, lead strategies, team building, working with analytics & project execution. His motto is "Keep it simple & Get the job done!"



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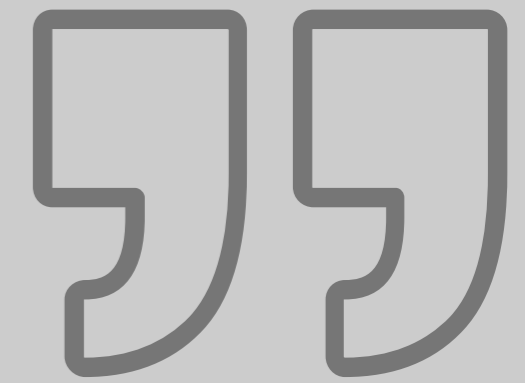
IN THE LIMELIGHT  
APRIL TO SEPTEMBER 2021

**Contributor:** Lokesh Chenta,  
Software Architect (LGS),  
Bengaluru GCC,  
Sabre Corporation

**Nature of contribution:**  
Technical Paper

**Publication:** Open Source For  
You, April 2021 Monthly  
Online Impressions: 42,330

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## Implementing Parallel Processing with Apache Camel

Apache Camel offers various components and enterprise integration patterns (EIPs) to achieve concurrency. This article explains the various options available and the best practices to be followed to achieve high scalability when using these EIPs.



Apache Camel provides a number of EIPs (listed below) that allow a main route to divide processing across multiple sub-routes:

- Multicast
- Split
- recipientList
- wireTap

Some of these EIPs provide parallel processing support out-of-the-box, helping to achieve high scalability. Camel ships with default config settings for these EIPs, which can be tuned further to suit one's requirements to get better performance. This article discusses some such useful settings that provide better performance when tuned.

To better illustrate these options let us consider the code snippet given below that uses Camel's Multicast EIP.

We will explore the multiple tuning options available for this EIP and, using sample code snippets, explain how they can be tuned:

```
From ("mainRoute")
    .multicast()
    .aggregationStrategy (new
ResponseAggregator())
    .parallelProcessing()
    .to ("subRoute1", "subRoute2",
subroute3")
```

A message arriving at route 'mainRoute' is being multicast to three different sub-routes which process it in parallel, and once done with processing, the response is aggregated using the aggregation strategy defined in *ResponseAggregator* class. Now let us look at the various fine-tuning options available to achieve high concurrency and scalability out of the above implementations.

### a. Custom thread pool

When using Multicast EIP for parallel processing, Camel uses a default thread pool which has a maximum pool size

of 20, limiting the number of parallel threads that can be spanned to 20:

```
<threadPoolProfile
id="defaultThreadPoolProfile"
defaultProfile="true"

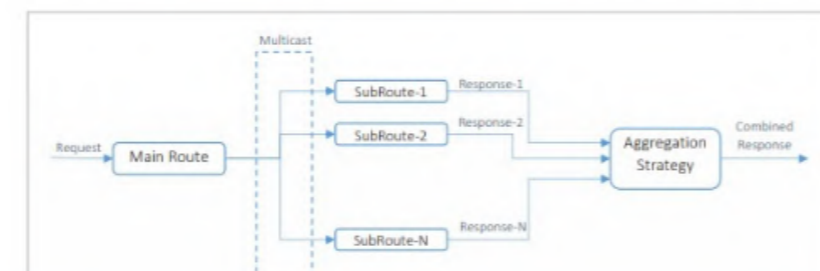
poolSize="10" maxPoolSize="20"
maxQueueSize="1000"

allowCoreThreadTimeOut="false"
rejectedPolicy="CallerRuns"/>
```

With these pool size settings, multicast invocation becomes a major performance bottleneck when processing higher transactions per second (TPS). Also, in cases like the above, where the sub-routes are calls to other components, the pool threads will be majorly in a waiting state and get exhausted quickly. This will result in incoming requests simply waiting for pool threads to free up, leading to an increase in response time and decreased throughput.

It's recommended to use a custom thread pool tuned for the performance needs of each use case rather than using default thread pool settings. All the parallel processing EIPs mentioned above provide a mechanism for passing a custom thread pool. There are two ways to customise a processor's thread pool.

**Approach 1:** Specify a custom thread pool—explicitly create an *ExecutorService* (thread pool) instance and pass it to the *executorService* option. For example:



**LOKESH CHENTA:**  
PRINCIPAL SOFTWARE ARCHITECT

As a Principal Software Architect Lokesh has 15 years of experience in designing and developing scalable, enterprise applications and platforms. A technology enthusiast and an US patent holder, Lokesh inspires his team-members towards technical excellence with in-depth analysis.

Outside technology, Lokesh takes interest in reading books, articles around personal finance planning and watching movies.



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## IN THE LIMELIGHT APRIL TO SEPTEMBER 2021

**Contributor:** Surinder Bhagat,  
People leader, India and South  
Asia, Bengaluru GCC,  
Sabre Corporation

**Nature of contribution:**  
Chat Session

**Publication:** Sabre India website,  
May 2021 Monthly Online  
Impressions: 315,000,330

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**TIMESJOBS** Presents **High Tea**  
Session with Top Shots

### Chat Transcript

**How to crack job interview in the IT industry**

Mr. Surinder Bhagat  
India People Leader | Sabre Global Capability Center  
26 May 21

**Moderator:** Welcome to the High Tea Chat Session, we hope everyone is doing well during these uncertain times. Surinder Bhagat, India People Leader, Sabre Global Capability Center, will join the chat at 3 PM. Meanwhile, you can send your questions related to How to crack job interview in the IT industry. Kindly note your questions will be moderated and then sent to the celebrity to answer. Questions already answered by the celebrity will not be entertained.

**Mr. Surinder:** Hello Everyone, I am excited to be among you all today. Hope all of you are keeping safe and healthy. I work for Sabre Travel Technologies- one of the leading software and technology companies that powers the global travel industry. Looking forward to chatting with you and sharing insights from my career experiences in the chat today. I hope it helps you grow and flourish in your careers ahead. Let's begin!

**Deepa:** Hi, My question to you is how to negotiate for a fairly good salary, as per industry standards if have been on a career break for some years. Thanks

**Mr. Surinder:** Hello Deepa, I trust that you are well and keeping safe. This is a great question btw. Please know that in most of the companies there are salary ranges available for all positions. So if you ask for anything that is more than the position, you may be headed for a disappointment. The best thing is to ensure that you perform very well in the interview and tell the company that you will trust them to pay as per the market. Also it will be good to get insight into the company on what is being already paid for the same position so that you are aware. If you have a career break, you must ensure to upskill yourself before you get into any interview.



**SURINDER BHAGAT:**  
PEOPLE LEADER, INDIA AND  
SOUTH ASIA

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**Contributor:** Sudindar Rao,  
Product Delivery & Quality  
Leader, Bengaluru GCC,  
Sabre Corporation

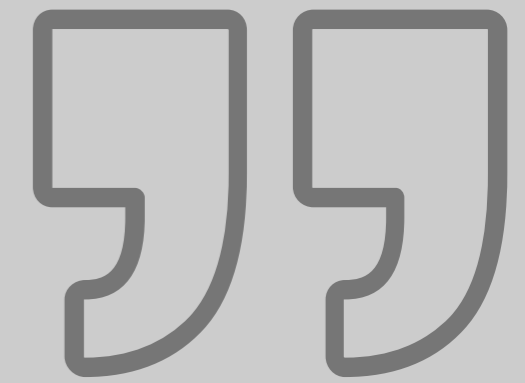
**Nature of contribution:**  
By-line article

**Publication:** BW Disrupt,  
June 2021 Monthly Online  
Impressions: 2,167,350

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### Travel Industry Post-Pandemic Trends

*The themes emerging out of this is technology been used extensively to make traveler feel safe as much as possible and in areas which were never thought of before.*



**SUDINDAR RAO:  
PRODUCT DELIVERY &  
QUALITY LEADER**

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## IN THE LIMELIGHT APRIL TO SEPTEMBER 2021

**Contributor:** Surinder Bhagat,  
People leader, India and South  
Asia, Bengaluru GCC,  
Sabre Corporation

**Nature of contribution:**  
Chat Session

**Publication:** BW people,  
August 2021, Monthly Online  
Impressions: 410,880

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### Role of Organizational Networks in Making Leadership Decisions



*In today's organization, if the employees are abreast with the art of building one's organizational network, and know how to derive maximum value from it, then they have the opportunity to impact and amplify both personal and organizational growth.*



**SURINDER BHAGAT:**  
**PEOPLE LEADER, INDIA AND  
SOUTH ASIA**

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## IN THE LIMELIGHT APRIL TO SEPTEMBER 2021

**Contributor:** Jaya Kumar K,  
Vice President and Managing  
Director, Bengaluru GCC  
Sabre Corporation

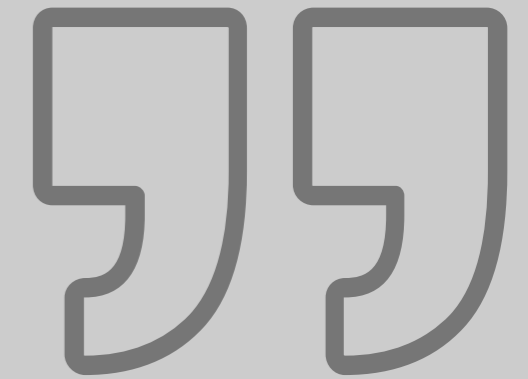
**Nature of contribution:**

By-line Article

**Publication:** SiliconIndia,  
August 2021 Monthly Online  
Impressions: 1,107,630

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The screenshot shows the SiliconIndia website interface. At the top, it says "25th Year of Publication siliconindia". The navigation menu includes News, Webinar, Ranking, Life, Whitepapers, Blogs, Conferences, and About Us. Below the navigation, there are tabs for HOME, NEWS, VIEWPOINT (selected), RANKINGS, MAGAZINE, BLOGS, and OTHER MAGAZINES. Under the VIEWPOINT tab, there are sub-sections for In My Opinion, CXO Insights (selected), and CEO Insights. The main content area displays the article title "Travel Technology, Digital Transformation" and the beginning of the text: "The COVID-19 situation has put the spotlight on contactless travel. Furthermore, contactless payments are slated to become one of the standard modes of payment, as time progresses. What does this mean for travel? Imagine that the air traveller can go through the entire travel process from the check-in at the airport to check-in at the hotel, using just their mobile, voice interface, and/or hand gestures. This would be possible because all the systems are able to carry out the travel functions without requiring any physical contact." Below this, there is a paragraph starting with "The are several other ways in which contactless technologies have digitally transformed the travel experience, including the travel passport (for safety), check-in at the airport using mobile/hand".



**JAYA KUMAR K: VICE PRESIDENT  
AND MANAGING DIRECTOR**

As the Vice President & Managing Director for Sabre's Bengaluru GCC, Jaya Kumar propels the GCC's journey as an innovation hub and a key destination for cutting-edge talent. Jaya combines his diverse experience in technology, retail, e-commerce, supply chain etc with visionary leadership. He also co-founded a Bay Area start-up that built one of the earliest personalization engines for e-commerce. As he spearheads Sabre's efforts in driving the industry toward next generation retailing, distribution and fulfilment, Jaya also relishes long rides on his superbike.



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## IN THE LIMELIGHT APRIL TO SEPTEMBER 2021

**Contributor:** Sanjeeb Patel,  
Director of Software Engineering  
Sabre Travel Solutions  
Product Development,  
Bengaluru GCC,  
Sabre Corporation

**Nature of contribution:**  
By-line article

**Publication:** TECHGIG,  
September 2021 Monthly Online  
Impressions: 1,529,580

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Home / Career Advice / #EngineersDay: 5 Career lessons for aspiring programmers

### #EngineersDay: 5 Career lessons for aspiring programmers

CAREER ADVICE TechGig Bureau | 15 Sep 2021, 01:58 PM | Views: 687

*Are you planning to pursue a career in programming or engineering? Here are the career lessons from experts that can help budding programmers.*

By Sanjeeb Patel



**SANJEEB PATEL: DIRECTOR  
OF SOFTWARE ENGINEERING,  
SABRE TRAVEL SOLUTIONS  
PRODUCT DEVELOPMENT**

Sanjeeb is a servant leader and an adaptable, innovative team player. He believes in working smart, staying cool and doing things differently to find opportunities in tough conditions. Leveraging his e-commerce background, he ensures best practices and exemplary leadership. Sanjeeb is the founder of a college in his native village that trains young people to be leaders in all walks of life.



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**IN THE LIMELIGHT**  
**APRIL TO SEPTEMBER 2021**

**Contributor:** Jaya Kumar K,  
Vice President and Managing  
Director, Bengaluru GCC  
Sabre Corporation

**Nature of contribution:**  
By-line Article

**Publication:** Hindu Business Line  
September 2021, Monthly  
Online Impressions: 6,700,000

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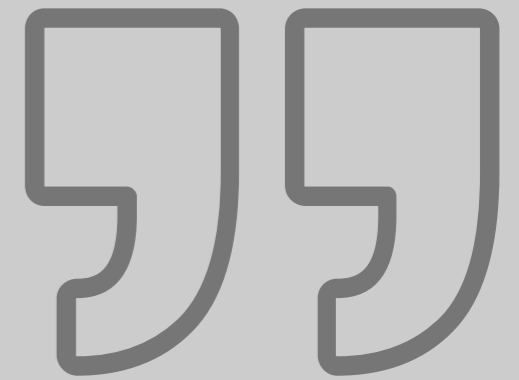
## TRAVEL TECH

# Pandemic: Contactless technology on an overdrive

As demand for travel rises, industry must  
meet it while ensuring passenger safety

JAYA KUMAR K

such a scenario, technologies  
that enable contactless travel be-  
comes critical. This could include  
contactless check-in through  
touchless kiosks, touchless  
boarding leveraging facial recog-  
nition, touchless check-in at the



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**Contributor:** Sanjeeb Patel,  
Director of Software Engineering  
Sabre Travel Solutions  
Product Development,  
Bengaluru GCC,  
Sabre Corporation

**Nature of contribution:**

By-line article

**Publication:** ETTravelWorld,  
September 2021, Monthly Online  
Impressions: 223,404,810

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### Tourism for inclusive growth

*The tourism economy will recover once borders reopen and when that happens we must put the people in the front and center of the tourism recovery plan and create a safety net for them so that benefits are enjoyed widely and fairly.*

Sanjeeb Patel \* Sep 27, 2021, 10.45 AM IST  
Director - Software Engineering, Sabre Bengaluru GCC



**W**orld Tourism Day is celebrated on September 27 every year since 1980 all around the world. The UNWTO (The World Tourism Organization) is a United Nations agency. Promotion of responsible, sustainable, and universally accessible tourism and stimulate economic growth and job creation is UNWTO's main agenda. In 2009, India was elected to the Executive Council of the UNWTO and had been in the Chairmanship twice since then.

The theme for World Tourism Day 2021 is 'Tourism for Inclusive Growth'. As



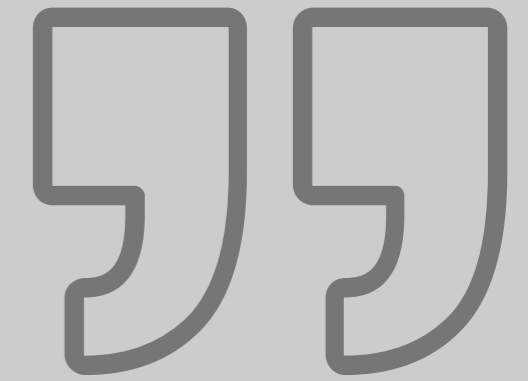
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OF SOFTWARE ENGINEERING,  
SABRE TRAVEL SOLUTIONS  
PRODUCT DEVELOPMENT**

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