

## **SOMYA SINGH**

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### **WORK EXPERIENCE**

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#### **Innovation and Analytics Manager, Synchrony, Hyderabad**

- Data Science – Data Visualization and Model Development using Python and Tableau
  - 1) Topic modeling for unstructured data
  - 2) Multi variate time series forecasting
  - 3) Classification and Prediction use cases
  - 4) Data analysis and metrics reporting using SAS and SQL
  - 5) Code collaboration and version control using GIT and BitBucket.
- Client facing discussions to understand the requirements and having technical and business understanding for project execution.
- Assessed 100+ startups from India and South East Asia by working with Zone Startups, Mumbai and Plug and Play Tech Centre, Singapore and shortlisted top 10 for presentation to Trish Mosconi – Executive Vice President Synchrony.
- Publishing monthly newsletters on India and world startup ecosystem to Enterprise leadership team.
- Driving innovation among 400+ analytics professionals through hackathons, innovation challenges, TED talks etc.

#### **Innovation Manager, TCS, Pune**

- Program manager for startup curation and consulting for Bajaj Finance and Bajaj General and Life Insurance. This was a strategic role with high visibility.
- Brought speed and scale in innovation by leveraging TCS R&D assets and Co-Innovation network of startups and academic institutes.
- Planned and organized events like Innovation Day, Technology talk, Startup Day, Hackathon with cross-functional teams for facilitating executive connects, funneling Proof of Concepts and generating thought leadership.
- Scanned new technological advancements across industries and explored opportunities with the client to implement them. Interacted with business and technology heads to commercialize research concepts and solutions.

#### **Innovation Consultant, Innovation Labs, TCS, Delhi**

- Interface between TCS R&D, business and customers.
- Worked with the researchers in the areas of AI/ML, Speech and text mining, social media analytics to formulate use cases and build business solutions.
- Participated in conferences and workshops to maximize exposure, build relationships and promote thought leadership
- Elevated TCS R&D brand in academic communities.
- Delivered customer presentations at client/TCS locations.
- Planned and organized research focused marketing and branding activities.

#### **Researcher, Innovation Labs, TCS, Delhi**

- Analyzed patterns in the email repository of the user.
- Reworked the NLP Parser module to achieve accuracy during email decomposition.
- Granted patent in 2017 for this project.
- Developed web crawlers for data loading into repository.
- Developed modules of data editing through dashboards, data dictionary and ontology

creation for retail and finance domains, report generation, neighbor word grouping for fraud detection.

- Provided training on OPTRA to internal TCS teams across various domains.

## **PATENT**

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- Patent US9710539B2, Email analytics for Task Management-tracking, predicting and optimizing efforts for better performance, Lipika Dey, Gautam Shroff, Somya Singh, 2017.

## **EDUCATION**

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- MBA, National Institute of Technology Karnataka (NITK), Surathkal.
- B.Tech, Uttar Pradesh Technical University.