

# SRAVANI SOMEPALLI

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## EDUCATION

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**University of California, Irvine**

July. 2021 - Aug. 2022

M.S. in Business Analytics

*President:* Merage Analytics Club

**Jawaharlal Nehru Technological University**

Aug. 2008 - April. 2012

Bachelors in Computer Science and Engineering

*Ambassador:* New student on-boarding and soft skills campaign

## WORK EXPERIENCE

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**Accenture**

2018- 2021

*Senior Analyst (Application Development) - Amadeus AO*

*Bengaluru, India*

- Led the billing team of a European travel platform Amadeus for ETL, analytics and reporting of payments.
- Worked directly with France and Spain headquarters to build the application platform to analyze and process complex sales datasets, recording around 300 million euros per month.
- Designed OKRs and developed predictive models in Python to forecast the future client transactions and identify KPIs. Deployed the insights using Tableau dashboards.
- Won **ACE Award** for outstanding client support for Q3 2019. (Awarded to only 5% of employees.)

**Infosys Limited**

2014 - 2018

*Senior Systems Engineer/ Analyst - Volvo Cars*

*Bengaluru, India*

- Managed end-to-end project development for global sales and accounting program, translating complex business requirements to well-defined technical projects.
- Built the Roadmap and developed a complex data pipeline for SAP warehouse transaction management working with cross-functional teams.
- Won the **Best App Award** from Infosys at SAP roadshow 2016.

**Poolka Technologies**

2012-2014

*Cofounder*

*Bengaluru, India*

Poolka provides scalable visual recognition APIs to developers & businesses.

- Built **Fairi**, a fashion assistant chatbot that provides fashion recommendations based on social media trends.
- Selected for **Microsoft Bizspark** and **IBM Global Entrepreneur** Program.

## COURSE PROJECTS

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- Built a sentiment detection model by fine-tuning a Hugging Face's pretrained BERT model on Kaggle's Sentiment 140 dataset which has 1.6M entries. Effectively applied the model to predict an aggregate audience sentiment on Twitter for a given movie.
- Built an XGBoost classifier on Forest Covertype dataset with sample re-weighting. Performed hyperparameter tuning with Amazon Auto-Gluon. Best model resulted with 92.8 accuracy.
- Developed a virtual chatbot using Watson Assistant to process the natural language queries and answer the carbon emission details of food production life-cycle.

## SKILLS

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**Languages**

Python, C, C++, R, Java, JavaScript, SAP ABAP, L<sup>A</sup>T<sub>E</sub>X

**Skills**

SQL, Tableau, SPSS, Advanced Excel, A/B Testing, Agile/Scrum, Jira, SDLC

**Libraries/Frameworks**

PyTorch, XGBoost, Pandas, Numpy, scikit-learn, Auto-Gluon, Hugging Face (BERT)

**Platforms**

MacOS/Linux/Windows

## MISCELLANEOUS

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- Panelist at USC Marshall School of business Annual Business Analytics symposium 2022.
- President - Merage Analytics Club, hosted multiple events to help the students learn about new trends in Data Science, Machine learning and Analytics.
- Led myXperience team that conducts social events for employees across Accenture.