

SRAVANI SOMEPALLI

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EDUCATION

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

Accenture

2018- 2021

Senior Analyst - Amadeus AO

Bengaluru, India

- Led the billing team of European travel platform Amadeus for ETL, conducting ad-hoc analyses to interpret the trends in payment transactions, recording around 300 million Euros per month. Worked closely with France and Spain headquarters by translating the business needs to technical developments.
- Designed and developed reports to retrieve, manipulate and analyze complex datasets. 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 - Volvo Cars

Bengaluru, India

- Supervised the development team for global sales and accounting team identifying the gaps in sales and communicating the insights to various customers to aid strategic decisions for technical improvements.
- Developed a complex data pipeline and application to handle warehouse transactions of client. 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

- 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, \LaTeX |
| 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

- 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.