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 (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 client's France and Spain offices 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.
- Developed the roadmap and built a complex data pipeline for SAP warehouse transaction management working with cross-functional teams.
- Won the **Best App Award** for finance document authorization tool from Infosys at SAP roadshow 2016.

Poolka Technologies   2012-2014
Cofounder   *Bengaluru, India*

Poolka provides scalable visual recognition APIs to developers & businesses.

- Designed the product vision, strategy and collaborated with engineering teams to build 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

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.