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　　　　　　　　　　　　　　　　　　*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 on statistical modeling approaches to analyze the complex sales datasets, recording around 300 million euros per month.
- Designed and developed predictive models in Python to forecast the future client transactions. 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*

- Managed end-to-end project development for global sales and accounting program, translating complex business requirements to well-defined technical projects.
- Developed a complex data pipeline for 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 machine learning and computer vision APIs to developers & businesses.

- Built the analytics platform to aggregate and derive fashion insights from multiple social media platforms.
- 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 to improve the accuracy from 74% to 96%
- 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

Skills	Supervised and Unsupervised Machine Learning, A/B Testing, Agile/Scrum, Jira, SDLC
Languages	Python, R, SQL, C, C++, Java, JavaScript, SAP ABAP, LaTeX
Frameworks	Tableau, SPSS, Advanced Excel
Libraries	PyTorch, XGBoost, Pandas, Numpy, scikit-learn, Auto-Gluon, Hugging Face (BERT)

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.