Aravind Bandipelli

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Professional Summary

Aspiring Data Analyst with hands-on experience in applying machine learning, data visualization, and predictive modeling to solve real-world problems. Proven ability to design scalable applications and deliver actionable insights. Skilled in Python, SQL, and cloud technologies with a strong focus on delivering data-driven solutions. Currently pursuing a Master's degree in Data Analytics with a 3.825 GPA.

Skills

Programming & Analytics Tools

- Programming Languages: Python, C#, SQL, TypeScript
- Data Analytics Tools: Pandas, NumPy, Matplotlib, Seaborn, Tableau, Power BI
- Machine Learning: Scikit-learn, TensorFlow, PyTorch, Regression Models, Clustering
- Frameworks & Technologies: Angular, ASP.NET Core, Azure DevOps (CI/CD), Bootstrap

Cloud & Big Data

- Cloud Platforms: Microsoft Azure (Data Factory, Synapse Analytics), AWS (S3, Lambda, Redshift)
- Big Data Tools: Spark, Hadoop
- Databases: PostgreSQL, MySQL, MongoDB

Other Skills

- ETL Tools: Talend, Alteryx
- Version Control: Git, GitHub, GitLab
- Collaboration Tools: Jira, Trello, Slack

Education

Indiana Wesleyan University

Master of Science in Management – Data Analytics (Present)

GPA: 3.825/4.0

Jawaharlal Nehru Technological University Hyderabad

Bachelor of Technology in Computer Science and Engineering

Professional Experience

Systems Engineer | Infosys Ltd | Nov 2021 – Dec 2023

- Developed and deployed a Microsoft Azure-based GTFS application using Angular, .NET Core, and SQL, streamlining financial workflows and reducing processing time by 900 hours annually.
- Enhanced cash flow forecast accuracy, resolving 50+ cases monthly and boosting client satisfaction.
- Automated testing processes with Selenium WebDriver (C#), improving coverage and efficiency.
- Collaborated within an Agile framework, delivering incremental updates and fostering continuous improvement.

Data Science Intern | Social Pracher | Aug 2021 – Oct 2021

- Utilized Python libraries (Scikit-learn, TensorFlow, Pandas) to analyze data and build predictive models.
- Applied computer vision techniques with OpenCV for image classification, achieving an 81% accuracy rate.
- Created dashboards using Tableau for effective visualization of exploratory data analysis (EDA).
- Enhanced outcomes with feature engineering techniques, improving model accuracy on unstructured data.

Projects

GTFS Process Application (Infosys)

- Built a full-stack application using Angular and .NET Core hosted on Azure to optimize financial operations.
- Designed automation workflows to save 900 hours annually and integrated analytics dashboards for real-time insights.

Characterizing Early Reviewers for Product Marketing

- Led a team to analyze e-commerce datasets using Naïve Bayes for sentiment analysis, achieving 79% accuracy.
- Developed a recommendation system that improved user engagement and sales by leveraging review sentiment insights.

E-Movie Ticketing System

- Designed and implemented a Verilog-based digital ticketing platform enabling secure seat reservations and payment processing.
- Integrated custom algorithms to manage ticket availability and dynamic pricing.

Kaggle Competitions

- Participated in predictive modeling challenges, achieving an 87% accuracy in Titanic Survival Prediction using logistic regression.

Certifications

- Certified in Machine Learning Algorithms (Regression, Classification Models)
- Infosys Certified Angular Professional
- Infosys Certified C# Programmer
- Infosys Certified .NET Microservices Developer
- Google Data Analytics Professional Certificate (In Progress)

Achievements and Leadership

- Technical Lead: Directed student-led technical initiatives and workshops, mentoring peers in data analytics and visualization.
- Volunteer Work: Served with the National Service Scheme (NSS) for 3 years, organizing community initiatives, including blood donation drives and anti-corruption awareness campaigns.

Portfolio and Links

- GitHub: Your GitHub Link Here
- Portfolio Website: Your Website Link Here
- Tableau Public Profile: Your Tableau Link Here