Gladis Sam Prakash S

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Professional Summary

Computer Science graduate with strong foundation in AI, machine learning, and Python programming. Experienced in developing ML models using scikit-learn, TensorFlow, and PyTorch, along with statistical techniques such as regression, clustering, and text analytics. Proven ability to work with large datasets, perform data preprocessing, and implement end-to-end AI solutions. Skilled in data visualization using Tableau and Power BI with strong communication skills. Seeking to contribute as a Data Science Analyst at Accenture by applying advanced analytics to deliver business impact.

Education

Christ University — **Bangalore**
M.Sc. Data Science, Currently Pursuing — *2024–2026*

Dr. N.G.P Arts and Science College
B.Sc. Computer Science with Data Analytics, Percentage: 73.6% — *2021–2024*

Little Flower Convent MHSS
Higher Secondary Certificate (HSC), Percentage: 81.55% — *2020–2021*

Technical Skills

Programming Languages: Python, R, C, C++, Java, SQL (basics)
ML/AI Libraries: scikit-learn, TensorFlow, PyTorch, Pandas, NumPy, Matplotlib
Statistical Methods: Regression, Classification, Clustering, Text Analytics
Data Analysis Tools: Pandas, NumPy, Matplotlib, Tableau, Power BI, Excel
Web Technologies: HTML, CSS, JavaScript, React.js, Node.js
Development Tools: Git, GitHub

Projects

Solar Flare Prediction using Machine Learning
- Designed and implemented classification models using scikit-learn on space weather datasets
- Performed data preprocessing, cleaning, and exploratory data analysis to improve model accuracy
- Deployed live application demonstrating AI capabilities for real-world problem solving
- Technologies: Python, scikit-learn, Pandas, NumPy, Matplotlib
- GitHub | Live Demo

Rail Track Fault Detection using Machine Learning
- Built fault detection prototype using sensor data and machine learning classification models
- Conducted performance evaluation and parameter tuning for early detection of track anomalies
- Implemented data preprocessing workflows for real-time sensor data analysis
- Technologies: Python, scikit-learn, machine learning algorithms

Model Registration Platform (Full Stack)

- Developed React.js frontend and Node.js backend for ML model registration system
- Implemented end-to-end deployment pipeline using Vercel
- Created documentation and workflows for team collaboration
- Technologies: React.js, Node.js, JavaScript, Vercel
- GitHub | Live Demo

Certifications & Achievements

NPTEL: Elite Certification (72%) - Problem Solving Through Programming in C

Research: Co-authored "Advancements in Machine Learning for Automated Crops and Weeds Classification" - International Conference

Award: 2nd Prize - National Science Day Project, Christ University Yeshwantpur Campus

Python: CSC Certified Python (CCP Certification Course)

Analytics: Visual Analytics using Tableau Workshop

Key Strengths

- Strong foundation in Python programming and data structures, with exposure to R and SQL
- Hands-on experience with ML libraries: scikit-learn, TensorFlow, PyTorch
- Skilled in applying regression, clustering, and text analytics for data-driven insights
- Proficient in data analysis and visualization using Pandas, NumPy, Matplotlib, Tableau, and Power BI
- Experience in building prototypes and proof-of-concept models for real-world problems
- Ability to work independently and collaboratively in global team environments
- Strong communication, problem-solving, and analytical skills for complex business challenges