Bisoyi Babasree

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Professional Summary

Computer Science undergraduate with strong foundations in **Frontend Development**, **Full-Stack Engineering**, and **Machine Learning**. Experienced in building secure web systems and data-driven ML pipelines, with a clear progression from UI-focused projects to backend-heavy and behavioral ML systems.

Education

GVP College of Engineering (Autonomous), Visakhapatnam — **2023 – Present**
B.Tech in Computer Science and Engineering — CGPA: **9.23**

Sri Chaitanya Junior College, Visakhapatnam — 2021 – 2023
Intermediate (MPC) — CGPA: 10.0

Technical Skills

Programming Languages: C, C++, Java, Python
Frontend: HTML, CSS, JavaScript, Tailwind CSS, React, Vite
Backend: Node.js, Express.js, REST APIs
Databases: MySQL, PostgreSQL
Machine Learning: NumPy, Pandas, Matplotlib, Seaborn, Scikit-learn
ML Concepts: Data Preprocessing, EDA, Feature Engineering, Clustering, Regression
Tools & Platforms: Git, GitHub, Streamlit, AWS (Basics)

Projects

DecisionLatencyML — Behavioral Machine Learning Project
GitHub — Demo Video

- Modeled decision-making behavior using latency, correctness, risk, reward, and time pressure.
- Engineered behavioral features capturing decision styles rather than raw outcomes.
- Applied KMeans clustering to identify interpretable decision-making patterns.
- Built an interactive Streamlit dashboard for behavioral analysis.

PermissionGraph — Role & Permission Management System
GitHub — Demo Video

- Developed a secure full-stack RBAC system with JWT-based authentication.
- Implemented admin-controlled user management and audit logging with undo support.
- Enforced backend role-based authorization.

Amazon Frontend Clone
Live Demo

- Built a responsive Amazon-inspired e-commerce UI using HTML, CSS, and JavaScript.
- Implemented product grids, navigation, and search interface.

Internships & Certifications

AWS AI/ML Virtual Internship (Certification) — AWS Academy
- Learned cloud-based machine learning workflows and foundational AWS AI services.

Basics of Python Programming — Certification

Achievements

- Solved **100+ problems on LeetCode**.
- Maintained a **9.23 CGPA** throughout the program.
- Organized technical seminars and college fests.
- Active member of the Rotaract Club.