BHARANI DHARAN T

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Education

B.Tech Artificial Intelligence & Data Science
Sri Manakula Vinayagar Engineering College (2023–2027)
Current CGPA: 8.0
Higher Secondary Education
john Dewey international School (CBSE)

Summary

Results-driven and self-motivated B.Tech AI & Data Science student with hands-on experience in full-stack development, machine learning projects, and UI/UX design. Seeking an opportunity to contribute to real-world software products while growing as a software engineer in a high-impact, fast-paced environment.

Skills

🧠 **Technical Skills** — Competent
Frontend: HTML, CSS, JavaScript, React.js, Tailwind, Figma, Canva
Backend: Node.js, Express.js, MongoDB, SQL
Programming Languages: Python, Java (learning), C++
AI/ML: Scikit-learn, XGBoost, Pandas, NumPy, Matplotlib
Tools: Git & GitHub, Postman, VS Code, MATLAB, UIPath RPA
Others: REST APIs, OCR, Shell Scripting, Responsive Web Design

Projects
Projects Road Safety Alert System – Flutter App (Ongoing) • Sends real-time accident alerts to ambulance drivers with location sharing. Notifies nearby patrol police and tracks ambulance live location. Tech Used: Flutter, Firebase, Google Maps API

Daily Coding Challenge Telegram Bot
Technologies: Python, Telegram Bot API, Judge0 API, MongoDB
• Developed an interactive **Telegram bot** that delivers **daily coding challenges** in multiple languages (C, C++, Python, Java, etc.) with difficulty filters (easy, medium, hard).

Achievements

🥇 **Won 1st prize for E-Commerce website at Tamil Nadu Science Fair**
🥈 **NPTEL Silver – Python for Data Science**
👨‍💻 **Completed Google AI/ML Virtual Internship (10 weeks)**
📜 **MATLAB Onramp Certificate by MathWorks**
💼 **Built and deployed a working road safety app (Flutter)**

Academic Interests

Full Stack Development, Computer Vision, OCR, Machine Learning, Chatbots, UI/UX Design

Extracurricular

Participated in multiple hackathons and code sprints
Designed posters and UI prototypes for campus events
Self-learning advanced Java and DSA for placements