Amitabh Anmol Pain

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EDUCATION

Dayananda Sagar College of Engineering — Bangalore, India
B.Tech in Computer Science — *Aug 2023 – Aug 2027*

Venkat International Public School — Bangalore, India
Science (PCMC) — *Aug 2021 – May 2023*

EXPERIENCE

Solo Developer — Bolt World's Largest Hackathon — May 2025 – June 2025
Global Hackathon Participant — *Remote*
- Engineered a production-ready MVP to identify fake and ghost job postings, addressing real-world hiring fraud
- Designed and trained Random Forest and Logistic Regression models for intelligent job authenticity classification
- Developed an interactive frontend using React, TypeScript, Three.js, and GSAP to enhance user trust and engagement

Open Source Contributor — Hacktoberfest — Oct 2024 – Nov 2024
Powered by MLH and GitHub — *Remote*
- Drove measurable open-source impact by delivering 10+ high-quality Pull Requests and Merge Requests across diverse repositories
- Resolved critical UI, backend, and deployment issues, significantly improving application stability and maintainability
- Recognized for meaningful contributions with the Tree Nation Certificate and Super Contributor badge

PROJECTS

Restaurant Management System | Flask, MongoDB, React, Tailwind
- Built an analytics-driven system providing real-time profit/loss insights for food items
- Visualized business metrics using Pandas and Matplotlib to support data-driven decisions

Real-Time Chat Application | MERN, WebSockets, Redis
- Architected a low-latency real-time messaging platform using WebSockets
- Integrated Redis for message caching, session management, and scalable real-time communication

Consumer Justice AI Agent | Google ADK, Django
- Designed and deployed a smart AI-powered consumer justice agent to combat digital fraud and unfair trade practices
- Guided users step-by-step on identifying consumer fraud, understanding legal rights, and filing formal complaints against offenders
- Created real-world social impact by simplifying access to consumer protection mechanisms through conversational AI

TECHNICAL SKILLS

Languages: Python, JavaScript, C/C++
Frameworks: React, React Native, Flask, FastAPI, Django, Node.js, Express, Tailwind CSS
Databases: MongoDB, SQL, Supabase, Redis
Tools: Docker, Git, GitHub
Data & ML: Pandas, NumPy, Matplotlib

ACHIEVEMENTS

- **Finalist — Atria College Hackathon**