Amrit Netra Auji

amritauji93@gmail.com | +91-9322720508 | LinkedIn | GitHub

Summary

B.Tech Computer Science student specializing in Artificial Intelligence and Edge Computing with hands-on experience in automation projects, full-stack development, and machine learning. Proficient in Python, Java, and JavaScript, with experience in IoT and anomaly detection. Passionate about software quality, workflow automation, and exploring testing frameworks and CI/CD concepts.

Education

MIT School of Computing, Pune   2022 – 2026
B.Tech. CSE – AI & Edge Computing — CGPA: 7.77 / 10

Skills

Programming: Python, Java, JavaScript, C++, SQL
Development: Node.js, React, HTML, CSS, MySQL, IoT, ML
Familiar with / Exploring: Selenium, Pytest, Docker, CI/CD concepts
Other: Networking, Anomaly Detection, Automation Workflows

Projects

Voice-Based Automation for Purchase Orders (Node.js, SQL, JS)   2025
- Built a web application to automate purchase order creation using voice commands.
- Integrated MySQL backend and Node.js server for workflow automation.
- Reduced manual input effort by automating order management.
GitHub Link

Anomaly Detection in Railway Tracks (Python, ML, IoT)   SIH 2024
- Developed AI-based defect detection system using acoustic sensors on Raspberry Pi.
- Automated anomaly detection pipeline, improving inspection efficiency by 15%.
- Applied ML models with Python for predictive defect analysis.
GitHub Link

IEEE Conference Website (HTML, CSS, JavaScript)   2023
- Designed and deployed a scalable event website for 500+ participants.
- Implemented responsive UI/UX and automated validation for forms.
GitHub Link

Experience

Full-Stack Developer Intern – Prismatic Softwares Pvt. Ltd., Pune Mar 2025 – May 2025
- Developed a web app integrating voice automation with MySQL and Node.js.
- Automated workflows for purchase order creation, improving efficiency.
- Assisted in testing and debugging using basic automation scripts.

Achievements

- Finalist, Smart India Hackathon 2024 (automation-focused project).
- Copyright grant for Nexus VoteNet (Blockchain + automation project).
- National recognition for AI-based defect detection automation system.