AMARA NARAYANA

Vijayawada, Andhra Pradesh, India

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LinkedIn   GitHub

Professional Summary

Results-driven Computer Science undergraduate with strong foundations in **Java, MERN stack, PHP, and OOP principles**. Experienced in building scalable backend systems, AI-driven developer tools, and CRM-style applications. Proven ability to debug, optimize, and deliver clean, maintainable code using modern software engineering practices, REST APIs, and cloud fundamentals.

Technical Skills

Programming Languages: Java, PHP, JavaScript, Python
Web & Backend: React.js, Node.js, Express.js, REST APIs, MVC Architecture, AJAX
Databases: MySQL, MongoDB
Software Engineering: OOP, Debugging, Unit Testing (JUnit), Secure Coding, Clean Code
DevOps & Cloud: Git, GitHub, GitHub Actions, CI/CD Basics, AWS Basics, Google Cloud Basics
Tools: Postman, Figma
Framework Familiarity: Spring Framework, Laravel (Basics)

Projects

Bug Sentinel – AI-Powered Real-Time Bug Detection & Auto-Fix Engine Jan 2024 – Apr 2024
Role: AI Tool Developer
Tech Stack: Java, Python, REST APIs, GitHub Actions, MySQL

- Designed and implemented an intelligent debugging engine using static and dynamic code analysis combined with LLM-based reasoning.
- Automated unit test generation and predictive error detection, reducing debugging time by approximately **40%**.
- Integrated CI/CD workflows to continuously analyze multi-module repositories and improve long-term software reliability.

GitHub: github.com/amar-01/DebugCortex

ChronoCoder — AI Codebase Modernizer Jun 2024 – Sept 2024
Role: Full-Stack Developer
Tech Stack: JavaScript, Node.js, AST Parsing, Automated Testing

- Built an AI-powered code modernization pipeline to transform legacy codebases into scalable, maintainable architectures.
- Applied AST-based refactoring techniques to automate structural code transformations with validation rules.
- Achieved approximately **70% faster modernization** while improving performance and maintainability.

GitHub: github.com/amar-01/ChronoCoder

Education

Bachelor of Technology (B.Tech) – Computer Science Engineering
NRI Institutions, Eluru, Andhra Pradesh   2022 – 2026
CGPA: 8.0

Pre-University (XII) – Mathematics & Sciences

Vijayawada, Andhra Pradesh — Graduated 2022

CGPA: 9.6

Certifications

- **Java Programming & OOPs** – Udemy (2025)
  Credential ID: UC-5e147d0c-1722-4dd1-9a9e-8399b9b1ebc5
- **Mastering AI Agents Bootcamp** – Udemy (2025)
  Credential ID: UC-41588f7b-2fc1-40f9-be5b-aaf7739bad15
- **Database & Backend Development** – Udemy (2025)
  Credential ID: UC-56c6bbfe-80af-497a-8f0c-575326823ac5

Additional Competencies

Agile Fundamentals • SDLC • Version Control Best Practices • API Design Principles • Documentation • Problem Solving • Collaboration in Agile Teams