Tarun Manoharan

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Professional Summary

Computer Science Engineering student (2026 graduate) with 8.40 CGPA and strong Java programming expertise. Proven software development experience with 6+ months of hands-on coding, 2 major hackathon wins, and 250+ Leet-Code problems solved. Ready to contribute to real-time software development projects.

Technical Skills

Core Programming: C++, Java, Python
Frontend Technologies: React.js, HTML5, CSS3, Redux, Tailwind CSS, ShadCN
Backend & Database: Node.js, Express.js, RESTful APIs, MySQL, MongoDB
Development Tools: Git, VS Code, Postman, AWS, Docker

Education

Bachelor of Engineering in Computer Science — Oct 2022 – May 2026
Sri Krishna College of Technology — Coimbatore, Tamil Nadu
CGPA: 8.4/10 | **10th Grade:** 93.6% | **12th Grade:** 93.4%
Relevant Coursework: Data Structures & Algorithms, Object-Oriented Programming with Java, Database Management Systems, Software Engineering, Operating Systems, Network Security

Professional Experience

Software Developer Intern — June 2024
Nutz Technovation Private Limited — Erode, Tamil Nadu

- Worked on e-commerce platform called Comez using React.js for frontend
- Built responsive UI components using React.js, HTML5, CSS3, and integrated them with REST APIs
- Helped implement product catalog features, shopping cart functionality, and user authentication using JWT
- Learned to work with MySQL database, writing queries for data retrieval and storage operations
- Gained experience in Agile development practices, participating in daily standups and sprint planning sessions
- **Delivered 12+ UI modules**, improving frontend load time by **18%** and enhancing cross-device responsiveness

Academic & Personal Projects

InvenPulse - Inventory Management System — Jul 2024
Tech Stack: React.js, Node.js, MySQL, REST APIs

- Built full-stack inventory platform with Java backend managing product database with CRUD operations
- Developed RESTful APIs in Java for product management, stock tracking, and order processing
- Created features like real-time stock updates, search and filter functionality, and dashboard analytics
- Implemented MySQL database with normalized tables for products, suppliers, orders, and transaction history
- **Achieved 95% data accuracy** and reduced manual inventory errors by **40%** through automated tracking

Student Attendance Portal — Mar 2024
Tech Stack: React.js, MySQL, JWT Authentication

- Designed attendance tracking system in Java supporting student and faculty roles with different access levels
- Built features including attendance marking, report generation, leave management, and automated notifications
- Implemented secure JWT-based authentication with Spring Security for role-based access control
- **Enabled 100% automated attendance calculation**, reducing faculty workload by **3+ hours weekly**

Achievements & Recognition

- **Winner** – Smart India Hackathon (Software Edition) - Competed against 1,000+ teams nationwide — 2024
- **Runner-Up** – Bit n Build International Hackathon, Tamil Nadu Regionals - Top 2 among 200+ participants — 2024
- **Solved 250+ Problems** – on LeetCode, strengthening Data Structures and Algorithms skills — 2024

Certifications & Training

- [AWS Cloud Technology Consultant Specialization (Coursera)](#) - 40 hours — 2023
- [Google Project Management Professional Certificate (Coursera)](#) - 6-month program — 2023
- [NPTEL Cloud Computing Certification](#) - Score: 74/100 — 2024