

Tarun Manoharan

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Professional Summary

Computer Science student with 8.40 CGPA and 6+ months of hands-on software development experience. Proven track record with 2 major hackathon wins and 250+ LeetCode problems solved. Skilled in Java and full-stack development.

Professional Experience

Software Developer Intern

Nutz Technovation Private Limited

June 2025

Erode, Tamil Nadu

- Developed 15+ responsive React.js components for **Comez** e-commerce platform, improving page load speed by 35% and mobile responsiveness across 5 device types
- Integrated 8 REST APIs with backend services, reducing data retrieval time by 40%
- Collaborated with 3-member development team using Agile methodology, completing 20+ user stories and delivering features on schedule

Technical Skills

Programming Languages: Java, C++, HTML5, CSS3, Python(Basic)

Frontend Development: React.js, Redux, Tailwind CSS, ShadCN, Material-UI

Backend & Database: Node.js, Express.js, RESTful APIs, MySQL,

DevOps & Cloud Tools: Git, GitHub Actions, AWS (EC2, S3, Lambda), Docker, CI/CD Pipelines

Testing & Development Tools: Postman, VS Code, Slack

Education

Bachelor of Engineering in Computer Science

Sri Krishna College of Technology

Oct 2022 – May 2026

Coimbatore, Tamil Nadu

CGPA: 8.4/10

Relevant Coursework: Cloud Computing, Network Security, Data Structures & Algorithms, Database Management Systems, Agile Software Development, Operating Systems, Software Engineering

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

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

Academic & Personal Projects

Limoni - Speed Tracking System

React.js, Redux, MySQL, REST API, AWS EC2 & S3, Arduino, ESP32

Dec 2024

- Developed IoT-based real-time vehicle tracking system serving 50+ concurrent users
- Implemented geofencing algorithms with 95% accuracy using GPS coordinates and integrated 5+ Arduino sensors
- Built responsive dashboard with React.js displaying real-time data for 100+ vehicles with sub-second latency
- Winner at Smart India Hackathon 2024** - Selected from 15,000+ submissions nationwide

InvenPulse - Inventory Management System

React.js, Node.js, MySQL, REST APIs, Chart.js

Jul 2024

- Built full-stack inventory platform managing 50+ products with real-time synchronization
- Developed 10 RESTful APIs
- Created automated reporting system generating 20+ daily reports and reducing manual work by 60%

Student Attendance Portal

React.js, MySQL, Java Spring Boot, JWT Authentication

Mar 2024

- Designed attendance tracking system supporting 1,00+ students across 10+ courses
- Implemented JWT-based authentication system with role-based access control for 3 user types
- Automated attendance calculation reducing administrative workload by 80% and eliminating manual errors