

MADHAN SINGH T

Aspiring Software Developer

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SUMMARY

Analytical and passionate Computer Science student with a strong foundation in Java programming and software development. Skilled in problem-solving and quickly adapting to emerging technologies. Committed to writing clean, efficient code, optimizing software performance, and delivering user-centric solutions across multiple platforms.

EXPERIENCE

Software Tester Intern

Thangamayil Jewelers

Jul 2024

Remote

- Performed end-to-end testing of the DigiGold app, identifying 5+ UI issues.
- Created detailed test cases and bug reports, supporting QA and development teams.

Frontend Developer Intern

Zenskar Solutions

Jan 2025

Remote

- Built 6+ reusable React components, improving modularity by 25%.
- Developed responsive UI with Tailwind CSS + Vite.js, reducing load time by 30%.

PROJECTS

Smart Productivity Tracker

Full-Stack Project

Live Project : <https://smart-productivity-tracker-blush.vercel.app>

- Built with React, Tailwind CSS, Node.js, and Vite.
- Added AI-powered decision helper, task tracking, history archive, real-time tech news, and personalized profiles.
- Deployed on Vercel for seamless, responsive UX.

Vehicle Rental System

JavaFX OOP Project

GitHub Repo : <https://github.com/Madhansingh23/VehicleRental.git>

- Developed a modular Vehicle Rental Management System using OOP (Encapsulation, Inheritance, Polymorphism, Abstraction, Composition).
- Implemented dynamic UI updates via ObservableList and FXML.

TECHNICAL SKILLS

Languages

Java Groovy Python SQL
JavaScript

Frontend

HTML5 CSS3 Bootstrap
JavaFX React.js Tailwind CSS

Backend

Core Java JDBC REST APIs
JWT Node.js Express.js

Database

SQL MongoDB

Testing

Selenium JUnit

Tools

Git GitHub Vite.js VS Code
Eclipse IntelliJ WebStorm
Postman Insomnia

ACHIEVEMENTS

🏆 IEEE Xtreme Coding Challenge
Ranked 773 / 8785 globally

🏆 IIT Sricity Hackathon

EDUCATION

B.E. Computer Science

PSNA College of Engineering & Technology

2022 – 2026

Dindigul, TN

CGPA: 8.23 / 10