PRAVEEN KUMAR S
SOFTWARE DEVELOPER

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PROFESSIONAL SUMMARY

Enthusiastic and dedicated Software Developer with strong hands-on experience gained through academic projects, personal initiatives and real-world applications. Skilled in building responsive interfaces, developing secure backend APIs and deploying applications using modern web technologies. Known for quick learning, strong problem-solving abilities and a willingness to take on new challenges.

Seeking an **Software Developer** role that provides career growth, mentorship, and opportunities to expand my technical skills while contributing to meaningful and impactful projects. Motivated to grow as a software professional and make a valuable contribution to the organization.

TECHNICAL SKILLS

- Java (SpringBoot)
- React.Js
- Node Js
- Express Js
- MongoDB
- MYSQL
- Python
- Git
- Docker

PERSONAL SKILLS

- Creative Problem Solving
- Analytical Thinking Skills
- Flexibility and Adaptability
- Critical Thinking
- Attention to Detail

CERTIFICATIONS

Has Completed AI/ML for Geodata Analysis program with ISRO.

EDUCATION

Sri Shakthi Institute of Engineering And Technology
Coimbatore, India • 11/2025

B.Tech: INFORMATION TECHNOLOGY
8.5 CGPA

Vivekananda Matriculation Higher Secondary School
Sirkazhi, India • 01/2023

HSC: Computer Sciences
Final Grade: 86.3%

PROJECTS

Task Manager (Java Full-Stack Web Application)
Technologies: React.js, Java Spring Boot, MySQL, JWT, Docker

- Designed and developed a scalable task management platform supporting full CRUD operations, category filters, and pagination for smoother task navigation.
- Implemented **robust security protocols** using a Spring Boot backend, integrating **JWT-based authentication** and **password encryption** for enhanced security.
- Streamlined deployment workflow by **containerizing the application using Docker**, ensuring a consistent and production-ready environment.

Coach Management Admin Panel [check-out]
Technologies: React.js, Node.js, Express.js, Firebase

- Developed an admin dashboard to manage coaches, ratings and user data with full CRUD support.
- Implemented server-side pagination and optimized API queries to efficiently handle large datasets.
- Integrated flexible filtering and sorting options on the React, deployed using Vercel (UI), Render (API) and Firebase (DB).

EX-cherish (MERN -Stack Web Application with Real-time Chat)
Technologies: MERN Stack, WebSockets, JWT

- Developed a real-time knowledge-sharing platform with both group and private chat rooms using WebSockets.
- Architected the MongoDB schemas to handle concurrent sessions and store chat histories efficiently.
- Implemented secure Express APIs with JWT authentication to protect user interactions.

Attendance Automation (Machine Learning System)
Technologies: Python, Flask, OpenCV, Pandas, LLM Models

- Built a face-recognition attendance system achieving ~89% accuracy using OpenCV and ML techniques.
- Automated attendance generation in Excel format with Pandas for streamlined reporting.
- Built a lightweight Flask API to handle recognition requests and log attendance seamlessly.

Filimin [check-out]
Technologies: HTML, CSS, JavaScript, Node.js, Firebase

- Developed an interactive financial literacy quiz platform focused on learning through gamified questions.
- Integrated Firebase authentication and database storage with a secure Node.js backend.