PRAVEEN KUMAR S

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To secure a challenging and rewarding software engineer role where I can leverage my computer science skills and passion for problem-solving to contribute to the development of innovative software solutions and drive with the success of the organization. I am willing to explore a wide variety of opportunity that can help me gain perspectives.

Education

B.Tech in INFORMATION TECHNOLOGY |Sri Shakthi Institute of Engineering and Technology, **Coimbatore| 2023-Present| CGPA of 8.5**

HSC |VIVEKANANDA MATRIC.HR.SEC.SCHOOL, SIRKALI|2023 | Aggregate of 86.3%

Projects

Task Manager
A full-stack web application for task management implementing complete CRUD functionality (add, edit, delete, search, filter, and mark tasks as done). Built a secure RESTful API backend using Spring Boot with JWT-based authentication, password encryption, and API rate limiting for enhanced security. Integrated REST APIs to dynamically handle tasks with category-based filtering and pagination. Configured Docker containers for production-ready deployment.

Frontend: React.js   Backend: **Java** Spring Boot   Database: Mysql

Bank Management System
A Java based console application that allows users to perform banking operations such as account creation, balance inquiry, deposit, withdrawal, fund transfer and account closure. It uses JDBC to connect and interact with a MySQL database, ensuring persistent storage of user and transaction data with proper Error handling Techniques.

Language: Java   Database: **Mysql**

Filimin demo 🔗
An interactive & simple quiz site based on HTML, CSS & JavaScript that helps users to learn and examine their knowledge on financial fundamentals in a interactive way which also covers user verification and authentication.

Frontend: HTML CSS   Backend: **Node.js**   Database: **Firebase**

Attendance Automation
A Machine Learning project in which face images are feeding and recognize them with 89% of accuracy to provide a attendance as Excel-sheet .

Language: python   Frameworks: Flask   Libraries: Pandas,Opencv,os

Programming Skills
- Java
- C
- MYSQL

Familiar Tools
- Eclipse
- Linux-ubuntu
- 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.**