Alagarsamy

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PROFILE

Full Stack Developer with hands-on experience in building web applications using **React, Node.js** and **Spring Boot**. Proficient in both frontend and backend technologies with expertise in **MongoDB, MySQL** and **PostgreSQL**. Passionate about writing clean, efficient and maintainable code.

EDUCATION

B.E Computer Science and Engineering   2020 – 2024
AAA College of Engineering and Technology

SKILLS

- Languages: Java, JavaScript, Python, HTML, CSS

- Frameworks & Libraries: React,Spring Boot, Express, NodeJs

- Databases: MySQL, MongoDB, PostgreSQL

- Tools : Vs Code, IntelliJ IDEA, Postman, GitHub

PROFESSIONAL EXPERIENCE

Full Stack Developer Intern - FreshKite   07/2024 – present
- Developed web applications using **React**, **JavaScript**, **Node.js** and **Spring Boot** with **RESTful API**s. Managed data with **PostgreSQL** and **MongoDB**. Collaborated with teams and maintained code quality using **GitHub**. Ensured clean code management with a **structured folder** organization.

Multi-Database Todo Application 🔗
- Contributed to a Spring Boot Todo application enabling task management (add, update, read, delete) by developing multi-database support (MongoDB, In-memory, PostgreSQL), with successful pull request acceptance and code merge.

PROJECTS

Full-Stack Todo Application 🔗
- Developed a full-stack Todo app using **React** for the frontend, **JavaScript** for the backend, and **MongoDB** for data storage, allowing users to add, update, read, delete their task title and description.

Tic-Tac-Toe 🔗
- Developed a console-based Tic-Tac-Toe game using Java, implementing a modular structure with Model, DAO and Service layers. The application supports dynamic board size selection and applies folder Structure for clean and maintainable code.

Parking Lot Management System 🔗
• Built a system to manage parking spaces in a multi-level parking lot, designed to efficiently handle dynamic parking, unparking, and real time availability

Car Rental Management System 🔗
- Developed a Car Rental System from scratch, applying Object-Oriented Programming (OOP), Java design patterns and a layered architecture to deliver a clean and efficient solution

CERTIFICATES

Python	**Microsoft Azure**
Python Course IIT Madras	Microsoft Azure Fundamentals
Digital skills Academy's	course in Microsoft
Programme from GUVI	