Pawan Kavinda

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Summary

Full Stack Engineer specializing in MERN, MEAN stack and JavaScript, TypeScript-based full-stack development with the ability to adapt to emerging technologies. Experienced in AI integration, Agile methodologies, and DevOps practices, including CI/CD pipeline implementation for scalable web applications and mobile development.

Work Experience

Beta Launch — Associate Software Engineer   Jan 2025 – July 2025
Colombo

- Acted as the **main full-stack engineer** responsible for the development, security, bug-fixing and maintenance of the **Dialog Genie Loan Application** and **Takso Application**. (React.js, NestJS, MySQL, MongoDB, Express.js, Docker).
- Served as a mobile application developer and back-end developer on the **Podi Business Application**, an AI-based expense management application, starting from the project planning phase. (React.js, NestJS, PostgreSQL, React Native, Azure).
- Contributed to the HACCP Report feature on **Clean Control Application**. (React.js, NestJS, MongoDB, Node.js).

Beta Launch — Intern Software Engineer   July 2024 – Dec 2024
Colombo

- Worked as a full-stack developer on the Takso application, driving new feature development, UI enhancements, writing test cases, and bug fixes (React.js, using class components, Node.js, MySQL).
- Collaborated directly with clients during agile ceremonies—including daily stand-ups and sprint planning sessions—for the Takso application to gather requirements and provide clarifications.
- Retrieved and analyzed data using SQL queries, and developed comprehensive project documentation and release documentation using Confluence.

Projects

Agent-AI   **ReactJS | NestJS | MongoDB | FastAPI | Redis | RAG**

- Developed a fully automated Web-based platform for creating AI agents suitable for small and medium-sized businesses using ReactJS with TypeScript for the frontend, FastAPI to handle the RAG pipeline and AI/Agentic logic, and NestJS for the web application backend.

Your-Portfolio   **AngularJS | Node.js | MongoDB | Vercel API**

- End-to-end automated web platform that empowers users to build and launch personalized portfolios within minutes. The system seamlessly handles creation, configuration, and deployment, instantly delivering a live Vercel-hosted portfolio URL upon completion.

Vite Blogger   **Node.js | React.js | NestJS | MongoDB | PostgreSQL**

- Scalable Blog management application implemented using three microservices, deployed on AWS using **microservice architecture**, incorporating CI/CD pipelines and DevOps practices (Kubernetes, Docker, Jenkins, AWS).

Luxemart - Supermarket Application with Location-Based Services   **Flutter | Firebase | Google Cloud**

- Built a mobile application with Google Map integration, tracking real-time user location, and push notifications about ongoing deals based on user location.

Education

Faculty of Engineering, University of Ruhuna   2020 - 2025

- BSc in Computer Engineering

Skills

Languages: JavaScript, TypeScript, Java, SQL, HTML5, CSS, C#, Python

Tools/Databases: AWS, Azure, Docker, Postman, Kubernetes, Git, Jira, MySQL, MongoDB, Firebase, PostgreSQL

Libraries/Frameworks/Stacks: MERN stack, MEAN stack, React.js, Express.js, NextJS, NestJS, AngularJS, NodeJS

Other: REST APIs, OOP, SOLID Principles, Design Patterns

Soft Skills: Time management, Communication skills, Critical thinking, Analytical thinking, Problem solving, Teamwork