Pawan Kavinda

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Summary

Associate Software Engineer specializing in MERN stack and JavaScript, TypeScript based full-stack development with the ability to rapidly 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 and maintenance of the **Dialog Genie Loan Application** and **Takso Application**. (React.js, NestJS, MySQL, MongoDB, Express.js, Docker).
- Served as a React Native developer and back-end developer on the **Podi Business Application** starting from the **project planning phase**. (React.js, NestJS, PostgreSQL, AWS).
- Contributed to the HACCP Report feature on **Clean Control Application**. (React.js, NestJS, MongoDB, Node.js)
- Managed the development, bug fixing, and security issues of the Dialog Genie Project as the **main developer** while collaborating with the **mobile development team** and **Dialog security team**.
- Led agile ceremonies including daily client stand-up and sprint planning sessions for **Takso application**, maintained the Jira product backlog and prepared release documentation using Jira and Confluence.

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 to gather requirements and provide clarifications.
- Designed logic diagrams and project workflows with tools like Miro, and prepared comprehensive documentation including user stories, technical documentation and feature flows.

Projects

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

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

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.
- **ReactJS** and **TypeScript** for the frontend, **NestJS** and **NodeJS** as the backend servers, and Kubernetes, Docker, Jenkins, AWS for deployment process.

Luxemart - Supermarket Application with Location Based Notifications   **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

Developer Tools: AWS, Azure, Docker, Postman, Kubernetes, Git, Jira

Libraries/Frameworks/Stacks: MERN stack, ReactJS, Express.js, NextJS, NestJS, NodeJS

Databases: MySQL, MongoDB, Firebase, PostgreSQL

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