SRIJAN DAHAL

SOFTWARE ENGINEER

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PROFILE

Entry-level Software Engineer with 1 year of internship experience at Rebb Tech, specializing in JavaScript/TypeScript and the MERN/Next.js stack. Strong foundation in core programming concepts (OOP, functional programming, data structures, algorithms) enabling fast learning of new languages and technologies. Hands-on experience with REST APIs, JWT authentication, React/Tailwind UIs, testing (Jest, React Testing Library), Docker, and CI/CD. Eager to grow into a professional software engineering role while deepening expertise in scalable systems and modern development practices.

TECHNICAL SKILLS

Programming & Core Concepts: JavaScript, TypeScript, OOP, Functional Programming, Data Structures & Algorithms

Frontend Development: React, Next.js, TailwindCSS, Responsive UI Design, Server-Side Rendering

Backend & Databases: Node.js, Express.js, RESTful APIs, JWT Authentication, Role-Based Access Control, SQL & NoSQL Databases, ORM (e.g., Drizzle, Prisma), Database Design & Modeling

Testing, DevOps & Deployment: Unit & Integration Testing (Jest, React Testing Library), Git/GitHub, CI/CD (GitHub Actions), Docker

System Design & Practices: Scalable & Modular Architecture, Agile Workflow, Code Reviews, Documentation, Performance Optimization

PROFESSIONAL EXPERIENCE

Software Engineering Intern, Rebb Tech, Sydney   **Jan 2024 — Jan 2025**

- Contributed to the development of full-stack applications using the **MERN stack** with **Typescript** and **Next.js** , following functional programming principles.
- Built reusable **React components with TailwindCSS** for responsive and modern UIs.
- Developed and optimized **REST APIs & backend services** with Express and MongoDB.
- Assisted in setting up **JWT-based authentication and role-based access control.**
- Wrote and maintained **unit/integration tests** using **Jest** and **React Testing Library** to ensure reliability.
- Gained exposure to **Docker-based containerization** and **CI/CD pipelines (GitHub Actions)** for smoother deployments.
- Collaborated in an Agile environment with daily stand-ups, sprint planning, and code reviews.
- Documented technical decisions and contributed to internal knowledge-sharing.

Key Tech: TypeScript, Next.js, React, Node.js, Express.js, MongoDB, TailwindCSS, Jest, Git/GitHub, Docker, CI/CD

EDUCATION

Bachelor of Information Technology   **Jul 2019 — Oct 2022**

King's Own Institute, Sydney

Fullstack Software Development Bootcamp   **Apr 2023 — Oct 2023**

Dented Code Academy, Sydney

ADDITIONAL INFORMATION

- **Links:** Personal Portfolio , GitHub

REFERENCES

Available upon request