KUSHAN DIMANTHA DE SILVA

Full Stack Software Engineer | Blockchain & Web Application Developer | Flutter Developer

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GitHub | LinkedIn

Professional Summary

Results-driven Full Stack Software Engineer with 4+ years of hands-on experience in developing scalable web, blockchain, and desktop applications using React, Next.js, Node.js, Vite.js, Go and Electron.js. Proven ability to lead teams, build secure full-stack systems, and deliver high-impact solutions with clean architecture and optimized performance. Passionate about Web3 innovation, mobile apps, modern UI/UX, and end-to-end product delivery.

Core Skills

Frontend: React JS, Next JS, Vite JS, Tailwind CSS, TypeScript, HTML5, CSS3
Backend: Node JS, Nest JS , GO , Express.js, REST APIs, Web Sockets
Databases: MongoDB, Redis, MySQL, PostgreSQL, Firebase , Pebble DB , Badger DB
Blockchain: Smart Contracts, Web3 JS, Linux Dapps using Electron JS and GO
DevOps & Tools: Git, Docker, Kubernetes, CI/CD (GitHub Actions), Digital Ocean, AWS S3
Mobile , Desktop & Linux : Flutter, Electron.js
Other: Secure Authentication, Encryption, System Architecture, Team Leadership

Professional Experience

- **Software Engineer | Bot Calm (Pvt) Ltd | Apr 2024 – January 2026**

- Developed and deployed RESTful APIs and full-stack web applications using React JS, Vite JS, Next.js, Node JS and Linux applications using Electron.js, enhancing security and performance.
- Designed and implemented real-time socket-based systems using Node JS and GO.
- Built secure full-stack solutions with Redis, Electron JS , WebSocket , and end-to-end encryption.
- Managed a team of 2 junior engineers, enforcing clean code practices and CI/CD pipelines.
- Developed NPM packages and Chrome extensions using Vite JS and Next JS.
- Worked with Redis , SQL , Postgres SQL , Mongo DB, Pebble DB and Badger DB.
- Worked with CI/CD , Docker , Kubernetes , AWS.

- **Associate Software Engineer | Code Hub (Pvt) Ltd | Aug 2023 – Apr 2024**

- Developed and deployed RESTful APIs and full-stack web applications using React, Next.js, Node JS, Nest JS, SQL, PostgreSQL.
- Integrated Cloudinary and AWS S3 for media storage and optimized performance.
- Reduced backend response time through optimized database queries and caching.
- Collaborated with UI/UX teams to deliver responsive and accessible applications.

- **Associate Software Engineer | NexmatrixLab (Pvt) Ltd | Jul 2022 – Jul 2023**

- Built and maintained mobile and web apps using Flutter, Node.js, Next.js, React JS, and MongoDB.
- Improved team coding standards and quality, reducing bugs in production by 30%.
- Contributed to operations automation projects that enhanced development efficiency.

- **Intern Developer | NexmatrixLab (Pvt) Ltd | Jan 2022 – Jul 2022**

- Built and maintained web apps using Node.js, Next.js, React JS, and MongoDB.
- Improved my coding standards and quality.
- Maintained positive work ethic and commitment to providing excellent service.

Education

BSc (Hons) in Information Technology Specializing in Software Engineering
Sri Lanka Institute of Information Technology (SLIIT)
Graduated: March 2024 | CGPA: 3.29

Achievements & Leadership

- Led multiple full-stack projects end-to-end with on-time delivery and strong client feedback.
- Published academic research in IRJIET Journal (2023) on remote employee well-being and emotion detection.

References

U.U. Samantha Rajapaksha
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