

SUMUDU PAWULUWAGE

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SUMMARY

I am a self-driven Full-stack Software Engineer with over 3 years of hands-on experience in building modern, scalable web applications.

EDUCATION

B.Sc. in Physical Science (Computer Science, Applied and Pure Mathematics) - University of Kelaniya, Dalugama, (2018 - 2021)

SKILLS

Languages: TypeScript, JavaScript, HTML, CSS, Python

Software/Frameworks: React, Node.js, Next.js, Material UI, Mantine UI, NestJS, PostgreSQL, MongoDB, Firebase, JWT, Auth0, Stripe, Cryptocurrency Payment Gateway, Jest, Cypress, Discord.js, Slack, Airtable, Discord

Developer Tools: Git, Docker, CircleCI, Terraform, GCP, AWS, Agile, MongoDB, Jira, Github Actions

EXPERIENCE

TorchLabs Software

Apr 2024 – June 2025

Senior Software Engineer

Boston (Remote)

- Managed three SaaS products serving 50,000+ active users, leading full-stack development from planning to deployment using React, Next.js, and Node.js.
- Built and optimized RESTful APIs with Node.js, NestJS and PostgreSQL, enabling seamless data flow between services and frontend apps.
- Collaborated closely with cross-functional teams (designers, PMs, QA) to deliver user-centric features in an Agile environment.
- Participated in code reviews, technical discussions, and best-practice adoption to improve code quality and maintainability.
- Automated the company's invoicing process, reducing manual effort and improving operational efficiency.
- Integrated AI-powered features using OpenAI APIs, enhancing user experience with intelligent automation.
- Wrote end-to-end and unit tests using Jest and Cypress to ensure product reliability and code quality.
- Mentored junior developers and shared knowledge across the team, fostering a culture of growth and collaboration.

Auradot (Pvt) Ltd

Mar 2023 – Apr 2024

Software Engineer

Colombo (Remote)

- Developed E-commerce website frontend using Next.js + Material UI, backend APIs with NestJS + PostgreSQL.
- Enhanced authentication systems with JWT and Auth0.
- Created Discord bots using Discord.js and integrated backend services, enabling customers to access products directly through Discord servers.
- Automated deployments with CircleCI pipelines and Docker.
- Delivered multiple high-impact features across all products, improving UX and overall functionality.
- Optimized database queries to enhance application performance and reliability.

Auradot (Pvt) Ltd

Mar 2022 – Mar 2023

Associate Software Engineer

Colombo (Remote)

- Built frontend customer features with React; backend services with NestJS and Node.js.
- Integrated Stripe for payments and Discord.js for bot automation.
- Improved database performance with MongoDB and Firebase.
- Integrated Discord login into the e-commerce website and automated user onboarding to Discord channels upon website login.
- Delivered and managed test cases, tracked bugs, and coordinated fixes using Jira to support quality assurance.