



Lakmal Fernando

Fullstack Software Engineer & DevOps Engineer

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Portfolio: <https://enginoble.com/blog>

Professional Summary

Software Engineer and Founder of Snappit, with over 4 years of experience building scalable web applications and AI-powered automation tools. Proven expertise in frontend development using React and Next.js, and backend architecture with Node.js and Go. Skilled in DevOps practices with Docker, Kubernetes, Terraform, and GCP. Passionate about driving business efficiency through engineering excellence. Seeking to contribute technical leadership and innovation to forward-thinking teams..

Technical Skills

Languages: TypeScript, JavaScript, Go, MySQL, Dart

Frameworks: React, NextJS, React Native, Express.js, Material UI, gRPC, LangChain, Docusaurus, Flutter

DevOps: Docker, Kubernetes, Terraform, Git, Github

CI/CD: Github Actions, Jenkins

Cloud & Infrastructure: GCP

Testing: Jest, Cypress

Other: Chrome Extensions, AI Automation, CRM Integrations

Professional Experience

Founder & Software Engineer – [Snappit](#)

Remote | Jan 2025 – Present

- Designed and built a browser automation platform that integrates various -based tools with Generative AI, enabling users to create custom automation workflows
- Implemented AI-native workflow components that support natural language task execution and tool orchestration
- Architected an Infrastructure as Code setup using Terraform and GitHub Actions on GCP to enable fully automated CI/CD pipelines, ephemeral lower environments, and trunk-based development
- Authored and maintained technical documentation using Docusaurus to ensure knowledge sharing and developer onboarding

Founder & Software Engineer – [Cochapp](#)

Remote | April 2024 - Dec 2024



- Developed a user onboarding platform to streamline software adoption, using Next.js and Typescript for the frontend and Go with MySQL for backend services

Software Engineer – Codimite

Hybrid | May 2023 - April 2024

- Designed and built a QA automation platform to be a copilot for QA engineers of the company in entire QA lifecycle using Typescript, Langchain, Golang, Gemini, Puppeteer and NodeJS
- Lead the engineering team for a CRM integration platform for a contact center
- Built online scheduling platform for the website with custom availability algorithm
- Built integrated global search across platform using RedisSearch with 80ms latency
- Implemented Infrastructure as a code that automated 100% of CI/CD pipeline with Terraform, Helm and Github Actions
- Built test automation framework for the team with Cypress

Associate Software Engineer – Codimite

Hybrid | May 2022 - May 2023

- Built efficient algorithm for distance calculation and saved 90% cloud cost and improved latency by 200%
- Built Jenkins server to automate CI/CD of the team using Terraform, Helm and Kubernetes
- Participate on Client meetings and requirement gathering for USA client
- Managed team DevOps tasks and infrastructure of the team in GCP and GKE

Trainee Software Engineer – Codimite

Hybrid | Jan 2022 - May 2022

- Implemented and maintained Features for a Call Center Dashboard with React, Javascript, Golang and MySQL

Education

Bachelor of Science - BSc., Accountancy and Business Finance – Wayamba University of Sri Lanka (2016 -2022)
First Class (3.73 GPA)

Certifications

- [Best Software Engineer of the Year - 2023](#)
- [Google Cloud Certified Professional Cloud Architect \(2023\)](#)
- [Google Cloud Certified Professional Cloud Developer \(2022\)](#)

