



JANITH DISANAYAKE

SOFTWARE ENGINEER

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SUMMARY

Results-oriented Software Engineer with hands-on experience in full-stack development, DevOps engineering, and team leadership. Proven ability to deliver robust, scalable solutions using modern technologies such as Go, Svelte, AWS, and Flutter. Adept in cloud infrastructure automation, CI/CD pipelines, and AI integration. Recognized for mentoring teams, optimizing deployment workflows, and driving innovation across diverse projects. Passionate about delivering high-impact solutions while continuously evolving technical and leadership skills.

EXPERIENCE

05/2025 – Present
Colombo, Sri Lanka

Team Lead

Cloud Parallax (Pvt) Ltd

- Led the development of an AI-powered *travel planning application* using *Flutter*, *OpenAI API*, and *Supabase*, enabling real-time itinerary generation and smart recommendations.
- Implemented *prompt engineering strategies* and managed vector *database integration* for semantic search and user personalization.
- Oversaw sprint planning, code reviews, and architectural planning across all projects.
- Mentored a team of *6+ developers*, assisted with technical upskilling, and improved delivery velocity.

10/2025 – Present
Colombo, Sri Lanka

Visiting lecturer

National Institute of Business Management

- Conducts lectures and academic sessions in alignment with NIBM's curriculum and quality standards.
- Delivers both in-person and online teaching while supporting students' academic development.

08/2024 – 05/2025
Colombo, Sri Lanka

DevOps Envineer

Cloud Parallax (Pvt) Ltd

- Created robust CI/CD pipelines with *GitHub Actions*, *Docker*, and *AWS Lambda*, reducing deployment time by 60%.
- Automated cloud infrastructure with AWS services (*S3*, *ECS*, *CloudWatch*) and ensured high availability.

- Spearheaded performance monitoring, container optimization, and rollout strategies for scalable deployments.

05/2023 – 08/2024

Colombo, Sri Lanka

Full Stack Developer

Cloud Parallax (Pvt) Ltd ↗

- Courier Application: A Canadian courier service application. Worked on the *admin-fronted*, *user-fronted*, and *backend* using *Angular*, *Svelte*, and *GoLang*. Involved in various aspects of the application, including *testing*.
- Contract Management Project: Collaborated on the contract management project, focusing on *planning* for our customers' customers. Utilized *Svelte*, *GraphQL*, and *Go* programming languages. Majorly responsible for building the *calculator module* in conjunction with a co-worker.
- Technical Mentor: Provided *technical training* and *mentorship* to junior developers, ensuring a strong grasp of *core technologies* and *best practices*. Also contributed to the *hiring process* by assisting in *candidate evaluation* and *onboarding support*.

03/2023 – 05/2023

Colombo, Sri Lanka

Software Implementor

Datamation Systems (Pvt) Ltd ↗

- Delivered *technical training* at Lipton Tea, helping clients effectively manage their workflows using *ERP software*.
- Provided *implementation support* and ensured seamless software adoption across departments.

EDUCATION

03/2023 – 03/2025

United Kingdom

BSc (Hons) in Computing

Coventry University ↗

- Graduated with First Class
- Selected for Batch Top, Gold Medalist and Dean's List

12/2021 – 12/2022

Colombo, Sri Lanka

Higher National Diploma in Software Engineering

National Institute of Business Management ↗

- GPA - **3.82**

12/2020 – 01/2021

Colombo, Sri Lanka

Diploma in Software Engineering

National Institute of Business Management ↗

- GPA - **3.86**

CERTIFICATIONS

AWS SysOps Administrator - Associate

AWS AI Practitioner - Foundational

- Issued by: Amazon Web Services
- Date obtained: August 2024

- Issued by: Amazon Web Services
- Date obtained: October 2025

CORE QUALIFICATIONS

Programming languages

C, C++, Java, JavaScript, Go, Python

Database Management

MySQL, Dynamo DB, Mongo DB

AI & Machine Learning Tools

OpenAI API, Prompt Engineering, Cursor, Pinecone

Frameworks & Libraries

Angular, React, Svelte, Spring-Boot, Android, iOS, Flutter

Cloud Management

AWS, GCP, Supabase

Tools & Environments

Git, GitHub, BitBucket, Docker, Jira, Vim, Figma

ACCADAMIC PROJECTS

Secure Blockchain System for Fashion Design IP Protection

Final Year Research Project – BSc (Hons) in Computing, Coventry University

Designed and built a system using *blockchain smart contracts* for *authorship verification*, *AI-powered similarity detection* to identify *derivative works*, and *decentralized storage (IPFS)* for secure, *tamper-proof file management*.

Dumriya Live

Full-Stack Train Tracking Web Application

Full-stack app using *Node.js* (backend) and *Svelte* (frontend). *Dockerized* for local development, images stored in *AWS ECR*, deployed to *AWS Lambda*. Frontend hosted on *S3* with *CI/CD* via *GitHub Actions*.

LiFOAR

Line-Following and Obstacle-Avoiding Robot

Designed and built a robot capable of line following and obstacle avoidance using an Arduino microcontroller programmed in Micro-C language through the Arduino IDE.

Flight API

Multi-frontend Web Application

Multi-frontend web app with a *Java Spring Boot* backend. Built frontend clients using *React*, *Angular*, and *Vue.js* to demonstrate API integration across modern frameworks.

FashionStoreAR

iOS AR Shopping App Prototype for Saras Boutique

Engineered an *AR shopping app* leveraging *Swift*, *ARKit*, and *Firebase*, incorporating *MVC architecture*, *SwiftUI*, *multi-provider authentication*, *AR try-ons*, and *real-time data synchronization*.

References

Niranga Dharmarathne, Director, Nirmani Solutions (Pvt) Ltd.

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