

ASITHA LAKSHAN

FULL-STACK SOFTWARE ENGINEER

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📍 Moratuwa, Sri Lanka

AREA OF EXPERTIEESE

Programming Languages

Typescript, Javascript, Java, Go, Python

Frontend Development

React JS, Next JS, HTML, SCSS, Tailwind CSS

Backend Development

Serverless Framework, Node.js, Express.js, Spring Boot, Quarkus

Databases

MySQL, DynamoDB, PostgreSQL, MongoDB

CICD

Terraform, Docker, Jenkins, Github Actions, Bitbucket Pipeline, Ansible

Cloud Services

AWS (Lambda, API Gateway, Route 53, Amplify, EC2, S3, Cognito, SQS, RDS, ECS, ECR, VPC, CodeBuild, CodeCommit)

Mobile App Developments

Flutter

Database Migration Tools

Flyway, Goose

Other Tools

Jira, Confluence, Figma, Draw.io, Slack

Other Expertise

Agile Methodologies, Technical Documentation, Unit testing tools and techniques

PROFILE

Experienced and innovative Full-stack software engineer with over 4 years of expertise in the software engineering industry, specializing in the Design, Development, Configuration, and Delivery of software applications. Proven ability to seamlessly combine technical expertise with strategic insight to align technology solutions with business objectives. Adept at building scalable, high-performance systems while adhering to industry best practices and standards. Passionate about utilizing advanced technologies to tackle complex challenges and drive business success.

EDUCATION

Bachelor of Computer Science
University of Colombo, Sri Lanka

2019 January - 2022 May

PROFESSIONAL EXPERIENCE

Software Engineer
Cloud Eight Technologies

2022 May - Present

Phanthm Captr - Packaging product manufacturing company in Australia



- Played the lead role in the project
- Architected, designed, and developed an application to generate packaging material usage based on company data
- Design DB schemas, isolated for each customer to ensure data security and compliance
- Architected and developed backend APIs, CI/CD pipelines, and DB migration scripts
- Implemented the integration of Google Gemini for AI-powered packaging data analysis

React JS, AWS Services, TypeScript, Python, PostgreSQL, Github Actions, Terraform, Flyway, Google Gemini, MUI

LEOS - App based ride-hailing service



- Architected and developed the pricing microservices with Java, Spring Boot, and JEasy rule engine
- Architected and developed the consumer management microservice with GoLang and Hexagonal Architecture
- Design DB schemas, isolated for each customer to ensure data security and compliance
- Designed and developed web views as a Java Quarkus microservice to embed with the mobile application web views
- Setup multiple auth server support across the microservices

React JS, AWS Services, TypeScript, Java, GoLang, PostgreSQL, Redis, Spring Boot, Qurakus, Docker, Terraform, Goose

OTHER SKILLS

- Technical Leadership/ Mento
- Adaptability and eagerness to learn new technologies
- Strong debugging and problem solving skills
- Focused on delivering high-quality and maintainable code
- Efficient time management and task prioritization

REFERENCE

Mr. Damitha Premadasa

Senior Software Engineer

MasterCard

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Mr. Buddhi Warnakulasuriya

Lead Software Engineer

System2 Technologies

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Cooltrax - Cold Chain management & monitoring system in Australia and USA



- Architected, designed, and developed a CI/CD pipeline for frontend and backend services
- Architected, designed, and developed BDD test containers for running integration testing on the deployments
- Collaborated with the team to design, develop, and test API services
- Designed and developed an application for scanning UMD devices' barcodes to get UMD data

Node JS, Typescript, PostgreSQL, Redis, Docker, Jenkins, Ansible

ALDO - Manage day-to-day data entries by QR code forms in golf sites in Australia



- Architect and migrated and added Versioning support for Form schemas to enable generalized support for multiple organizations
- Redesign UI components with the new UI design
- Design DB schemas, isolated for each customer to ensure data security and compliance
- Add pagination components for data table

React JS, AWS Services, TypeScript, SCSS, Terraform, Antd, PWA

Epar National Smart Map - Golf Sites profiling application in Australia



- Architected and developed the Frontend application with support for the capability of creating an isolated application for multiple organization types
- Architected and developed an admin dashboard for adding and editing Organization data
- Designed and developed Serverless APIs with the data model

RNext JS, AWS Services, TypeScript, SCSS, Terraform, Antd

Epar Connect - Golf sites management system in Australia



- Planned and migrated the serverless API services from serverless v2 to v3 and created a Postman test collection for integration testing
- Designed and developed new customer-requested features
- Designed, developed, and tested a RESTful API service
- Architected and developed an application for tracking contractor checking at golf sites

React JS, AWS Services, TypeScript, Javascript, Serverless, SCSS, SQL, Flyway, Terraform, Antd, PWA

Software Engineer Intern

2021 October - 2022 April

Cloud Eight Technologies

Karstation - Workshop management system for vehicle garage and service stations



- Designed, developed, and tested a GraphQL API
- Developed the appointment module for the workshop web application
- Developed some dashboard analytics features for the workshop web application
- Developed a feature for sending estimation reports to customers via email

React JS, AWS Services, Serverless, TypeScript, SCSS, Terraform, Antd, GraphQL

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