Sasitha Madushanka

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23 Jul 1989

🎓 Education

BSc in Computer Engineering,
University of Peradeniya ⧉
May 2010 – Jun 2014 | Sri Lanka

🧠 Skills

React ● ● ● ● ○

Angular ● ● ● ● ○

AWS
Lambda, S3, CDK, DynamoDB ● ● ● ● ○

REST ● ● ● ● ○

JavaScript ● ● ● ● ○

TypeScript ● ● ● ● ○

Agile ● ● ● ● ○

Software Development ● ● ● ● ○
Design Patterns, OOP, SOLID

React Native ● ● ● ● ○

Unit Testing ● ● ● ○ ○
TDD, BDD, Cypress

GIT ● ● ● ○ ○

🎸 Hobbies

Traveling, Reading, Cooking

💼 Professional Experience

Technical Lead, *Tunclab Solutions* ⧉
Aug 2018 – present | Colombo, Sri Lanka
- Designed highly available and scalable software solutions on AWS infrastructure.
- Maintained frequent communication with clients to identify the expectations.
- Initiated and performed Agile practices among the team to improve performances.
- Initiated and led TDD/BDD practices to achieve 90% code coverage.
- Automated build and deployment process through AWS Code Pipeline.

React, React Native, Angular, HTML, SCSS, NodeJS, AWS

Associate Tech Lead (Temporary), *Zone 24x7*
Apr 2018 – Aug 2018 | Colombo, Sri Lanka
Designed, developed, and managed warehouse automation system for a leading package forwarding operation in the USA

Angular, HTML, SCSS, AWS, Spring Boot

Senior Software Engineer, *Zone 24x7* ⧉
Apr 2016 – Mar 2018 | Colombo, Sri Lanka
Developed and maintained a data visualization dashboard for a telecommunication network monitoring system.

Angular, HTML5, SCSS, Spring Boot

Software Engineer, *Zone 24x7* ⧉
Nov 2014 – Mar 2016 | Colombo, Sri Lanka
Developed and supported a digital banking solution for a branchless bank.

Angular, HTML, SCSS, Spring Boot

📁 Projects

Trailer Hire Automation ⧉
Oct 2019 – present
This digital transformation of an emerging trailer hire company in New Zealand aimed to increase operational efficiency across all the locations. Also focused on improving customer experience by enabling the ability to manage bookings through a user-facing KIOSK device.

- Initiated and lead KIOSK application development as a React Native app.
- Led the web solution development.
- Trained new team members.
- Maintained and updated DevOps infrastructure using Terraform

React, React Native, Sprint Boot, AWS, DynamoDB, PostgreSQL

Auto Workshop Management ⧉
Aug 2018 – May 2019
Highly customizable, easy-to-use web solution to manage Auto Workshops. Including a built-in CRM module to engage with customers using modern tools like WhatsApp for Business.

- Designed and lead the solution development
- Performed code reviews.
- Oversaw customer onboarding.
- Built the DevOps infrastructure using AWS CDK

Angular, NodeJS, AWS Lambda, DynamoDB, AWS S3

Utility Billing and Reporting Platform ⧉
Aug 2018 – May 2019
This project delivered an all-in-one billing and reporting platform for a utility service provider with a low operational cost.

- Led the solution development.
- Contributed to UX design sessions.
- Investigate cost-effective solutions to achieve lower operational costs.

React, NodeJS, AWS Lambda, DynamoDB, AWS S3