Sasitha Sonnadara

Software Engineer | Full-stack Developer

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PROFILE

Energetic and curious software engineer with close to 3 years of professional and additional 2 years of volunteer experience in designing and developing enterprise cloud platforms and microservices.
An enthusiastic engineer who is not technologically locked-in with a proven history of working in agile teams on fast-paced projects. Always Enjoy exploring novel technologies and adapting them to solve problems. Admire failure as part of the success and a calculated risk-taker.

EXPERIENCE

Sysco Labs, Colombo, SL — *Software Engineer*

MARCH 2017 - JANUARY 2020

Full-stack Development of report segments in Enterprise Reports project (SPA) which is a data-heavy reports application with advanced data filtering options, data analyzing features and report exports using React, Redux, Recharts, Express and NodeJS.

Full-stack Development of CAKE Shop based on EmberJS, JavaScript ES6, MongoDB and NodeJS, the e-commerce application of the company where customers can buy or lease CAKE POS (Point of Sale) devices and services.

Designed and developed DocGen API based on NodeJS as a microservice for generating exportable reports in PDF and Excel formats which currently used by multiple applications.

Developed REST APIs in Enterprise Reports API with Java and Spring WevFlux using reactive principles.

Developed Communicator API with PHP and Symfony which is used by multiple components across the company to send Email and SMS.

Improved SalesForce connector API written in Golang with new functionalities to suit the requirements of the consumers which acted as a proxy API for SalesForce.

Held the ownership of CAKE Shop and DocGen API components and provided production support when necessary.

SKILLS

Languages & Frameworks
JavaScript, ES6, NodeJS, Express, PHP, Symfony, GoLang, Java, Ionic

Front-end & Web
React, Redux, Flux, SPA, Ember, Handlebars, HTML5, SCSS, CSS, REST

Databases
MySQL, MongoDB, Redis

Cloud & Deployment
Docker, AWS ECS, AWS ECR, Beanstalk, AWS, DigitalOcean, NGINX, Apache

Testing & Code Quality
Mocha, Chai, TDD, SinonJS, NYC, SuperTest, SonarCube, ESLint

VCS & Tools
Git, BitBucket, Github, Linux, Yarn, NPM, Webpack, Jenkins, PM2, Supervisor, Intellij, VS Code, Slack, Jira

PUBLICATIONS

WireMe – IoT Development platform for Everyone

UNIVERSITY OF MORATUWA

The research paper was based on the work of the final year project named same and published at IEEE.

Contributed to automating CI/CD pipeline in the organization using Docker, Jenkins and AWS ECS environment utilizing best deployment practices such as remote configuration management and log forwarding.

Initiated build pipelines and code quality analysing jobs for the team owned components with Jenkins, BitBucket and SonarCube.

Mentored and supervised intern software engineers and new team members to achieve the project goals swiftly.

Moraspirit Initiative, Moratuwa, SL — *Head of Web and Technology (Volunteer)*

JANUARY 2016 - JANUARY 2017

Provided leadership to 4 member team consists of web developers and content managers.

Supervised and contributed to design, develop and launch the Moraspirit University sports news and live scores mobile application based on Ionic JS framework.

Trained the developers on technologies and contributed to the recruitment process.

Sysco Labs, Colombo, SL — *Software Engineer Intern*

OCTOBER 2015 - APRIL 2016

Developed the EducateLanka charity foundation web platform with modern fundraising and portfolio advertising methods using MERN (MongoDB, Express, React and NodeJS) stack as a replacement for the legacy platform.

Got the hands-on experience in Scrum Framework and Agile Methodology.

Moraspirit Initiative, Moratuwa, SL — *Web Developer (Volunteer)*

FEBRUARY 2015 - JANUARY 2016

Designed and developed a unified website for University sports news and live scores by coming up with a generic reusable sport event broadcasting platform.

EDUCATION

University of Moratuwa, Moratuwa, SL — *Bachelor of Science of Engineering (Honours)*

MAY 2012 - APRIL 2017

Field of Specialization: Computer Science and Engineering

GPA: 3.42

AWARDS

Best Paper Award — *MERCon 2017*

UNIVERSITY OF MORATUWA

Received for "WireMe – IoT Development Platform for Everyone" paper in Software Engineering track.

Best Innovation in Internal Process — *SLASSCOM Innovation Awards 2019*

SYSCO LABS

Became runners up in this category for the "Minuteman – Automated Release Pipeline" project.

AFFILIATIONS

Associate Member — *Institute of Engineers, Sri Lanka (IESL)*

Membership No: AM-22047

REFERENCES

Chinthaka Sandaruwan

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