Madhawa Monarawila

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Experience

Software Engineer Intern, WSO2 – Colombo, Sri Lanka   Jan 2024 – Jun 2024
- **Internal Apps - HRIS domain:** Led the end-to-end development of the frontend of a new internal application, involving requirement gathering, wireframe creation, UI implementation, and collaboration with backend teams. The application handles highly sensitive personnel data and will be used by all employees across the organization. [ReactJS, Redux-toolkit, Formik, Choreo]

Software Engineer Intern, Emojot – Colombo, Sri Lanka   Feb 2023 – Aug 2023
- **Social Listening Tool:** Led social media data integration (Facebook, Instagram, YouTube), designing targeted data extraction processes and implementing OAuth 2.0. [AngularJS, NodeJS, Python, MongoDB, AWS]
- **Online Reputation Management Solution:** Implemented end-to-end functionality for a major social media platform, including OAuth 2.0 and platform-specific tasks. Integrated multiple third-party platforms, ensuring data security and privacy compliance per API guidelines and best practices. [AngularJS, NodeJS, MongoDB, AWS]

Software Engineer, Sustainable Education Foundation (SEF) – Sri Lanka   Nov 2021 – Present
- Actively contributing to the development of **ScholarX V2** (GitHub), an upgraded version of the existing mentoring platform. [ReactJS, Typescript, TanStack Query, NodeJS, PostgreSQL, TypeORM]
- Led the initial phase of **ScholarX Archive** (GitHub / Visit), a project aimed at creating a comprehensive knowledge base of all ScholarX programs. [Javascript, JQuery]
- Led **ScholarX Success Stories** (GitHub / Visit), a project from stakeholder engagement to web page development, including UI design and API implementation. [JavaScript, Mustache.js]

Education

Institute of Technology University of Moratuwa, NDT in IT   2019 – 2024 (Expected)
- GPA: 3.98/4.0

Calcey, Sri Lanka, Calcey Springboard (Scholarship Program)   Feb 2023 – Jun 2024
- Awarded *Academic Excellence Award*

St. Anthony's College Kandy, Sri Lanka   2008 – 2016
- Physical Sciences - Mathematics

Academic Research

Flood Prediction and Warning System   Dec 2022
- Developed a flood prediction system with an integrated dashboard for statistics and alert management, complemented by a mobile app and a notification service. [ReactJS, React Native, NodeJS, FastAPI, Springboot, Tailwind CSS]

Technologies

Frameworks and Tools: NodeJS, ReactJS, Redux-Tooltik, React Query, AngularJS, Tailwind CSS, React Native, Flutter, MySQL, PostgreSQL MongoDB, Firebase, AWS, Git, Docker, Figma.

Languages: Typescript, JavaScript(ES6), Python, SQL, Dart, Java, C, C++.

References

Mr. Jayanga Dissanayake, Senior Tech Lead, WSO2, Colombo, Sri Lanka. +94 77 220 7259, jayanga@wso2.com

Mr. Ravindu Fernando, Head of DevSecOps, Emojot, Colombo, Sri Lanka. +94 71 178 8659, ravindu@emojot.com