

EXPERIENCE

Software Engineer, Full Stack (Remote)

Jan 2021 - Present

Company: Kodez

Melbourne, Victoria, Australia

Existing System (Laravel Stack):

- Developed new feature, bugfixes and maintenance of [Amtek](#) Corporation's Core Management System (CMS) for diverse sectors, overseeing 40+ production releases and optimizing a complex database with 250+ SQL tables.
- Successfully integrated the CMS with APIs from major clients (NTT DATA, Toshiba, Park Assist, City, Fiserv), ensuring seamless interoperability.
- Developed the implementation of new cron jobs to the client TOSHIBA for scheduled tasks which contributed to the completion of over 1.5 million jobs.
- Coordinated operations across staging, UAT, and production environments, processing over 100 million requests annually and managing 700+ GB bandwidth across global users.
- Elevated documentation standards by crafting intuitive Swagger Definitions, ensuring enhanced API documentation clarity. Streamlined team collaboration and documentation management through the effective use of JIRA and Confluence.
- Utilized Browser Stack to test on multiple device and browser.
- Stack includes Laravel, jQuery, SASS, MFA, Cloudflare, Browser Stack, Nginx, AWS, UI Template, and an Email/SMS Service.

New System (Microservices with React Stack):

- Developed to re-creating the CMS using modern microservices architecture. Moving from 0 to 1 production.
- Implemented ORM Sequelize.
- Utilized Test Driven Development.
- Collaborated closely with the team lead in decision-making processes, providing valuable insights into technology stack choices based on expertise and project requirements.
- Developed the implementation of a Node.js-based backend for both the backend and BFF layers, making it to an enhanced system architecture and improved the performance.
- Developed feature utilizing AWS S3 for file storage.
- Utilized Jest for backend testing and Storybook for UI component development, ensuring reliable code quality and making the test coverage to above 90%.
- A fast-paced startup environment, team growth from less than 10 members to over 60 employees, where I mentored multiple interns and associate engineers. Occasionally, leading interviews, planning meeting and technology stack decisions.
- Collaborated closely with DevOps engineer to a rigorous security measure, aligning the new system with stringent OWASP compliance, fortifying defenses against XSS, SQL injection, and other potential vulnerabilities.
- Spearheaded the sanitization of data, ensuring data integrity.
- Stack includes React, React Query, MUI, Sequelize, Storybook, Jest, Cypress, TypeScript, Auth0, Cloudflare, Browser Stack, Docker, AWS and SonarQube.

Software Intern, Full Stack (Onsite)

July 2020 - Dec 2020

*Company: RaSoft,
Colombo, Sri Lanka*

- Developed an Employment Management System (EMS) from 0 to 1 production. Handle all the Backend and Front End.
- Requirement gathering and analyses for the EMS.
- Developed the Company Website.
- Application stack includes PHP, MySQL, CSS, HTML, Bootstrap, JavaScript, jQuery.

EDUCATION**Bachelor of Science (B.S.) with Honours - Computer Science**

Sep 2021 - Jul 2022

University of Bedfordshire

Higher National Diploma - Computer Science

Dec 2018 - Oct 2020

Pearson BTEC

LICENSES & CERTIFICATIONS**Associate Solution Architect**

2021

Amazon Web Service - Y4EQQ7DJH11E1JGX