M. REZAAN RIYAZ
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EXPERIENCE

Software Engineer, Full Stack (Remote)   Mar 2021 - Present
Company: Kodez
Melbourne, Victoria, Australia
Existing System (Laravel Stack):
- Contributed to the development 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), showcasing adaptability and ensuring seamless interoperability.
- Contributed to the implementation of cron jobs for scheduled tasks, optimizing system performance and contributing to the completion of over 1.5 million jobs.
- A dynamic team in a fast-paced startup environment, team growth from less than 10 members to over 60 employees.
- 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 an intuitive Swagger interface, ensuring unparalleled clarity and accessibility to the API documentation.

New System (Microservices with React Stack):
- Developed to re-creating the CMS using modern microservices architecture, adopting technologies like React, React Query, MUI, and Auth0. Moving from 0 to 1 production.
- Collaborated closely with the team lead in decision-making processes, providing valuable insights into technology stack choices based on expertise and project requirements.
- Contributed to the implementation of a Node.js-based backend for both the backend and BFF layers, contributing to an enhanced system architecture and improved performance.
- Assisted in migrating from manual deployment to a streamlined GitHub Actions workflow for AWS, and integrated AWS services and Cloudflare, utilizing S3 for image storage and enhancing system performance.
- Introduced Jest for backend testing and Storybook for UI component development, ensuring reliable code quality.
- Mentored interns and associates, participated in the interview process, and contributed to technology stack decisions.
- Contributed to the rigorous security measures, aligning the new system with stringent OWASP compliance, fortifying defenses against XSS, SQL injection, and other potential vulnerabilities.
- Spearheaded the sanitization of data, establishing an impregnable defense against potential security threats and ensuring data integrity.

Software Intern, Full Stack (Onsite)   Oct 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