MIGARA KARUNARATHNE

SOFTWARE ENGINEER

Norwich (UK)

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Professional Summary

Results-driven Senior Software Engineer with over 8 years of experience in full-stack development, specializing in Node.js, React.js, and WordPress. Proven track record of delivering scalable, high-performance web applications and leading teams to execute complex projects. Adept at optimizing system performance and driving technical innovation.

Technical Skills

- **Languages**: JavaScript, HTML, CSS, SQL
- **Frameworks**: Node.js, React.js, WordPress, Twig
- **Databases & Tools**: Oracle SQL, Redis, MySQL
- **Methodologies**: Agile, REST API Development, CI/CD

XGEN Group (PVT) Ltd

Senior Software Engineer (2023 JAN - 2023 AUG) / Senior Software Engineer (2023 AUG - Present)

- **Contributed to backend development** for an ongoing **Loan Origination System (LOS)** project using **Node.js**, integrating with an established team to enhance APIs and optimize business logic for improved system scalability and performance.
- **Developed and enhanced dynamic user interfaces** for web applications using **React.js**, collaborating with the existing team to build responsive, component-based frontends that aligned with project requirements.
- **Managed and optimized database operations** with **Oracle SQL**, refining complex queries and stored procedures to support efficient data processing within the **LOS**.
- **Implemented and maintained caching mechanisms** using **Redis**, improving application performance and reducing database load by integrating with the existing caching infrastructure.
- **Drove advanced technical development initiatives**, collaborating with the team to adopt modern development practices, enhance system performance, and maintain high-quality, scalable codebases.

DxDy (SmallAxe (Pvt) Ltd

Software Engineer | (2022 JAN - 2023 JAN) | (WordPress Development)

- **Developed and delivered two full-stack WordPress projects**, utilizing the **Twig template system** to create modular, maintainable templates for dynamic content rendering.
- **Designed and implemented responsive front-end interfaces**, ensuring cross-browser compatibility and a seamless user experience across devices.
- **Built and customized back-end functionalities** in **WordPress**, including custom post types, plugins, and theme development, to meet project-specific requirements.
- **Collaborated with cross-functional teams** to gather requirements, translate them into technical solutions, and ensure timely delivery of high-quality web applications.

EmarketingEYE

Senior Web Developer | (2016 MAY - 2022 JAN) | (WordPress Development)

- **Progressed from Trainee Web Developer to Web Developer, and subsequently to Senior Web Developer over five years**, earning promotions through demonstrated technical expertise, strong work ethic, and consistent delivery of high-quality solutions.
- **Developed approximately 20 WordPress websites**, creating custom-built themes from scratch to meet client-specific requirements, ensuring unique, high-performance, and SEO-optimized web solutions.
- **Engineered back-end functionalities** for nearly **20 projects**, implementing custom post types, taxonomies, and APIs to support dynamic content and complex business logic.
- **Designed and developed custom WordPress plugins**, enhancing website functionality and enabling tailored features to meet diverse client needs.
- **Led and mentored a team of developers** during **senior years**, overseeing project execution, conducting code reviews, and fostering best practices to ensure timely delivery and maintainable codebases.

Portfolio Links (Wordpress)

- **Epic Sri Lanka Holidays -** https://www.epicsrilankaholidays.com/
- **Boutique Collection by Amaya -** https://www.boutiquecollectionbyamaya.com/
- **Global Energy Alliances -** https://energyalliance.org/
- **What We Owe The Future -** https://whatweowethefuture.com/
- **TCSPP Giving -** https://giving.thechicagoschool.edu/