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<https://kamalshanth163.github.io/MyPortfolio>

<https://github.com/kamalshanth163>

Skills

- JavaScript | TypeScript | React | Redux | Angular | jQuery | Node | Express | C# | .NET | PHP | MSSQL | MySQL | MongoDB | Redis | WordPress
- Azure | AWS | Docker | Kubernetes | Webpack | CI/CD | Jenkins | Microservices | Cloud Computing | DevOps | REST | GraphQL | NUnit | Jest
- Git | Jira | BitBucket | Confluence | Agile | OOP | DSA | MERN | Swagger | Plugin Development | AdobeXD | Canva | Pdfsharp | SendGrid | Stripe

Experience

Full-Stack Developer

Maverick, Auckland, New Zealand

Jun 2022 - Present

- Architected an Online Ecommerce Store for home appliances and electronic items. Configured WooCommerce with Azure for image processing, utilized PHP for real-time CronJobs, and implemented a .NET backend for integrated product, stock, and order management. Resulted in a streamlined, scalable ecommerce platform.
- Exhibited exceptional adaptability within the WordPress ecosystem, effectively resolving pending tasks resulting from team technical limitations. Leveraged expertise in C# .NET to seamlessly integrate with the PHP-based WooCommerce platform. As an experienced full-stack developer, facilitated seamless progress by optimizing user experience and security measures through the implementation of robust authentication and authorization tools and techniques, propelling the project forward while bridging technology gaps.
- Mentored the team in best code practices, Git version control, and introduced Jira task management for improved collaboration. Resulted in accelerated completion of major project features, reducing estimated time by three weeks. This proactive approach and effective practices led to significant financial gains for the company and overall project success.
- Designed and developed a Customer Portal for payment management, incorporating subscription functionality. Integrated the Stripe payment gateway using the Stripe API and WebHooks, enabling seamless payment processing and real-time data synchronization.
- Demonstrated expertise in developing custom plugins and resolving issues caused by third-party plugins, resulting in a noteworthy 25% reduction in project costs on multiple occasions. Built custom WordPress plugins to optimize performance, enhance reliability, and drive cost-efficiency, leading to successful project outcomes.

Software Developer

PeachIT, Colombo, Sri Lanka

May 2021 - May 2022

- Developed a Cyber Security Survey Tool using Agile methodology. Utilized rapid prototyping using AdobeXD, implementing feature-toggling for incremental development in React. Delivered a robust solution for efficient security assessments, ensuring adaptability and timely feature delivery. Achieved notable success, attracting 40% more users for the MVP, as validated by project stakeholders.
- Managed background work with client using Wiki/Confluence with parallel up-to-date documentation. Process optimization has been monitored to prove 60% of time-reduction on development process by implementing test-driven development using NUnit, and continuous deployment with Jira BitBucket CI/CD within .NET ecosystem.
- Developed PDF generation using PdfSharp and leveraged SendGrid email service to dynamically compose and send personalized emails to users. Incorporated HTML and CSS for enhanced email presentation, including the attachment of PDFs created from scratch. Achieved seamless delivery of professional communications and user-centric survey reports.
- Handled critical tasks, effectively representing the team in client meetings for streamlined communication. Managed the entire development cycle, ensuring on-time delivery, code reviews, testing, and seamless deployment. Independently managed the workload of a senior engineer for over 3 weeks during an emergency, adeptly resolving client issues and elevating the company's reputation through proficient technical expertise.

Software Developer, Intern

PeachIT, Colombo, Sri Lanka

May 2020 - Apr 2021

- Improved the UI/UX of a Case Management System with minimal guidance, reducing the website's loading time and streamlining the development process by addressing pending issues, resulting in a significant reduction in sprint time for critical tasks.
- Independently managed full-stack, including the implementation of a Mobile-first UI, API integration, backend services, and the introduction of state management using React in the frontend resulting in a seamless user experience and optimal performance.

Education

BEng (Hons) Software Engineering (Top-up)

London Metropolitan University, UK (2021 - 2022)

- First Class Honours**
- Understanding of software architecture and design patterns.
- Competence in software testing and debugging techniques.
- Knowledge of software development methodologies.
- Demonstrating technical and non-technical skills throughout the coursework with Research & Development as an Independent team player.

HND Software Engineering

Esoft Metro Campus, Sri Lanka (2018 - 2020)

- Pass**
- Solid understanding of object-oriented programming (OOP).
- Understanding full-stack development tools and techniques.
- Knowledge of data structures and algorithms.
- Understanding of software testing and debugging techniques.
- Knowledge of software engineering principles and software development life cycle (SDLC).