Kamalshanth Selvarajah

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Skills

JavaScript | C# | TypeScript | React | Angular | Node.js | .NET | Blazor | MSSQL | PostgreSql | MySQL | MongoDB | Azure | Docker | CI/CD | Git | Jira | BitBucket | Gitlab | Azure DevOps | Microservices | xUnit | Agile | OOP | SQL | DSA | Canva

Work Experience

Full Stack Software Engineer
IntegrateTech, Melbourne, Australia (Remote)   Aug 2023 - Present

Sports Academy Management System
- Developed a full-stack Sports Academy Management System using React with shadcn/ui for a modern, accessible interface and Laravel for the backend. The platform integrates Stripe for automated invoice generation and payment management, while providing dedicated portals for players, parents, and coaches with class enrollment and attendance tracking.
- Implemented a secure multi-role authentication and authorization system to control platform access and permissions. The shadcn/ui library ensured consistent, professional styling across all components while maintaining optimal performance and accessibility standards throughout the application.

Ascom Ofelia - Workflow & Alarm Management System
- Worked as a .NET Developer on the Ascom Ofelia platform, building a scalable backend using .NET with clean architecture and MSSQL to support dynamic workflows, alarms, and reporting. Developed a user-friendly Blazor frontend for alarm and task management, improving workflow efficiency and overall system performance.
- Implemented API Microservice for Hospital Emergency Code Management using Node.js backend with PostgreSql database.

Full Stack Developer
Maverick, Auckland, New Zealand (Remote)   Jun 2022 - Jul 2023

Led the development of a scalable Ecommerce platform for home appliances and electronics using WooCommerce, Azure, PHP & .NET.
- Integrated WooCommerce with Azure for image processing and PHP scheduled jobs for real-time operations.
- Developed a .NET backend for product, stock, and order management.
- Guided the team on best coding practices, Git, and Jira for efficient collaboration.
- Delivered the project 3 weeks ahead of schedule, driving significant cost savings.
- Cut project cost through custom plugin development and issue resolution.
- Built a Customer Portal with Stripe integration for seamless payment processing using Node.js and React (MERN stack)

Software Developer
PeachIT, Colombo, Sri Lanka   May 2021 - May 2022

Developed a Cyber Security Survey Tool using Agile methodology, delivering a scalable solution for efficient security assessments.
- Implemented feature-toggling in React for incremental development and rapid prototyping with AdobeXD.
- Managed documentation with Wiki and optimized processes using TDD (NUnit) and CI/CD pipelines (Jira, BitBucket) in .NET.
- Developed dynamic PDF generation with PdfSharp and integrated SendGrid for personalized email delivery.
- Reduced development time through process optimization and automation.
- Successfully handled senior engineer responsibilities for 3+ weeks, ensuring client satisfaction and project continuity.

Intern Software Developer
PeachIT, Colombo, Sri Lanka   May 2020 - Apr 2021

Independently enhanced the UI/UX and performance of a Case Management System through full-stack development and optimization.
- Improved UI/UX with a Mobile-first design and implemented state management using React.
- Integrated .NET Web APIs and optimized backend services with Node.js for seamless performance.
- Resolved pending issues to streamline development and reduce sprint times.
- Significantly reduced website loading time and improved user experience.
- Accelerated sprint completion for critical tasks through process optimization.
- Delivered a high-performing, responsive system with minimal guidance.

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.
- Demonstrated technical and non-technical skills throughout the coursework in R&D, both independently and as a team.
- Successfully built 5 fullstack projects with Node.js, React, C# etc.

HND Software Engineering
Pearson BTEC, UK (2018 - 2020)
- 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).
- Built 3 fullstack projects using .NET, Node.js, React, SQL etc.

Reference can be provided upon request.