Sankaralingam Seranthian

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ABOUT ME

Full Stack Developer | 8+ Years of Experience
Architecting Scalable & High-Performance Applications web applications across **Banking, Payments, Healthcare, Gaming, and Fitness** domains. I thrive at the intersection of **front-end** excellence, **back-end** robustness, and **cloud** scalability. Committed to building **future-proof digital solutions**, whether for **SaaS platforms, high-traffic enterprise applications, or cutting-edge web ecosystems**. Always eager to push boundaries and turn ideas into reality with optimised code.

What Sets Me Apart:
- **End-to-End Development Mastery** – Design and implement robust, scalable architectures that seamlessly integrate front-end and back-end technologies
- **Performance & Optimisation** – Specialise in code efficiency, load balancing, caching strategies, and database indexing, ensuring high availability and responsiveness
- **Cloud-Native & DevOps-Driven** – Leverage serverless computing, containerisation, and automation to build resilient and cost-effective cloud solutions
- **Collaborative & Agile Mindset** – Thrive in cross-functional teams, working closely with designers, product managers, and DevOps engineers to deliver high-impact solutions
- **Problem-Solving & Innovation** – Passionate about solving complex technical challenges, implementing best practices, and continuously enhancing system security, scalability, and maintainability

DIGITAL SKILLS

Front-End:

Angular / React.js / Next.js / Tailwind CSS / Vue.js

Back-End:

Express.js / Nest.js / Hapi.js / Node.js / Microservices

Databases:

MongoDB / Firebase DB / PostgreSQL / DynamoDB / Elastic search / MySQL

Cloud & DevOps:

AWS (RDS,S3,EC2) / Kubernetes / firebase / docker / Azure

UI Libraries & Tools:

Angular Material / Ant Design / PrimeVue / Postman / Bitbuket / Visual Studio Code / GIT (Git Hub, Git Lab)

Programming Languages & Styles:

JavaScript / TypeScript / Python / JAVA / C# .Net / HTML / CSS / SAAS / SCSS

WORK EXPERIENCE

FRONT END DEVELOPER | ECABS TECHNOLOGIES LTD, Malta
[11/2023 – Current]

- **Lead a team of front-end developers**, mentoring and providing technical guidance to ensure high-quality code delivery and fostering a collaborative team culture focused on continuous improvement
- **Developed and maintained reusable front-end libraries** using Angular Material, improving development efficiency and promoting standardisation across projects
- **Built API endpoints** with Nest.js and integrated Elasticsearch to optimise data retrieval and enhance search performance.
- **Coordinated across the software development lifecycle**, working closely with Product Owners, Designers, and QA teams to define project requirements, ensure alignment with business goals, and deliver high-quality, bug-free releases

- **Provided technical leadership** in web application development using Angular 16, ensuring best practices and performance standards, while conducting regular code reviews for maintainability
- **Lead agile development processes**, facilitating daily stand-ups, sprint planning, and retrospectives, ensuring smooth project alignment and continuous progress
- **Worked with the back-end team** to validate code logic and queries, ensuring accurate and efficient integration with front-end tasks
- **Oversaw project planning and execution**, ensuring timely delivery within scope, and coordinated with cross- functional teams to align project goals and deliverables
- **Involved in performance evaluations** for team members, providing constructive feedback, identifying areas for improvement, and contributing to recruitment and onboarding of new team members

FRONT END WEB DEVELOPER | RS2 Software plc, Malta
[06/2021 – 10/2023]

- **Collaborated with cross-functional teams** (Business Analysts, Project Managers, stakeholders) to ensure project goals were aligned with client needs and business objectives
- **Led the migration of a legacy system to Vue.js 3 and TypeScript**, providing technical direction and ensuring smooth integration with the back-end Java and MySQL codebase
- **Developed web applications** using Vue.js 3, TypeScript, and Angular, while gaining hands-on expertise with Knockout.js and SVN for legacy systems
- **Rebuilt a JavaScript app into TypeScript** within a tight deadline, improving scalability, maintainability, and performance
- **Enhanced back-end functionality** by optimizing Java and MySQL code to support new features during the migration
- **Developed API endpoints** using Express.js and MySQL/JSON DB for POC, validating scalability and future growth potential
- **Built a tracking app** using Angular and Firebase Firestore, leveraging Firebase Functions for job scheduling & data processing
- **Initiated technical leadership and Peer-reviewed code**, ensuring high-quality, maintainable code by implementing coding standards, conducting code reviews, and fostering a collaborative, solution-oriented environment
- **Worked in agile processes**, tracked user stories & bugs in JIRA, facilitated sprint planning & retrospectives for timely delivery
- **Identified project risks**, developed mitigation strategies, and resolved issues promptly to be on track and meet deadlines

SOFTWARE DEVELOPER | CRUM & FORSTER, Bangalore
[10/2019 – 06/2021]

- **Developed two web applications** using Next.js and Ant Design for the front-end, and Nest.js, Node.js, TypeScript, python and MySQL for the back-end, ensuring seamless integration and optimal performance
- **Built a dynamic web application** that runs based on JSON input, utilizing Next.js and Ant Design to create reusable components and dynamic forms
- **Designed and implemented a rule engine** using Nest.js, enabling the processing of data from Excel files stored in S3 and hosted in AWS Serverless, providing a scalable API endpoint for data consumption
- **Collaborated closely with stakeholders** to optimize user efficiency and recommended improvements to existing systems, ensuring they run smoothly and meet business objectives
- **Actively participated in scrum meetings** and stand-ups, contributing to improvements in code quality, and providing input on logical enhancements during peer reviews
- **Served as the primary liaison** between the project team, clients, and senior management, providing regular updates and addressing any concerns or inquiries, ensuring alignment with project goals and timelines

PROGRAMMER ANALYST | AUGUSTA HITECH
[07/2018 – 10/2019]

- **Developed 3+ full-stack applications** to analyse and process data for various clients, ensuring smooth data flow and efficiency
- **Created reusable Angular directives and pipes**, published for organisation use, promoting consistency and standard
- **Collaborated closely with app development teams**, product managers, and QA to identify issues, define testing methods, and establish best practices for seamless project execution
- **Developed and maintained RESTful APIs** using C# and ASP.NET, integrating with MySQL to ensure smooth communication between back-end and front-end systems
- **Implemented video call features** using TokBox, and added NgRx to manage application state across multiple pages, ensuring a smooth user experience
- **Worked with multiple Angular versions** for front-end development, and utilised Express.js, Node.js, MongoDB, and MySQL for back-end development, adapting to the project requirements
- **Explored new features** and developed working models for internal teams. Also created POCs to thoroughly analyse client requirements, simplifying the development phase by leveraging scalable features

FULL STACK DEVELOPER | LOGBASE TECHNOLOGIES
[08/2016 – 06/2018]

- **Gained hands-on expertise in web application development**, working with Angular for front-end and SQL, DynamoDB, Express.js, Python and Hapi.js for back-end technologies
- **Developed Workbox tools** to implement key Progressive Web App (PWA) features, including service workers, background sync, runtime data caching, cacheable responses, and build manifests
- **Built a Time-box module**, providing mini email functionality to manage workflows between application users
- **Developed and released several NPM packages** for both front-end and back-end, streamlining development and enhancing functionality
- **Lead the design and development phases** for 3+ projects, owning the process from inception to deployment

EDUCATION AND TRAINING

Bachelor of Technology | SRI RAMAKRISHNA ENGINEERING COLLEGE
[08/2013 – 04/2016]

DIPLOMA – COMPUTER NETWORKING | PSG POLYTECHNIC COLLEGE
[08/2010 – 06/2013]

LANGUAGE SKILLS

Mother tongue(s): Tamil | C2 Proficient in Listening, Speaking and Writing

Other language(s): English | C2 Proficient in Listening, Speaking and Writing

HOBBIES AND INTERESTS

Reading books, Watching Documentaries and Travelling to historic places