Chathuranga Sampath

Senior Software Engineer | Spring Boot • Play Framework • React/Next.js

Versatile developer with over 6 years of experience, specializing in Java. Skilled in building high-performance, enterprise-level solutions using Spring Boot and Play Framework, complemented by modern front-end expertise in React.js and Next.js. Passionate about delivering clean, maintainable and high-quality code. Proficient in performance optimizations, agile collaboration, and mentoring, seeking a dynamic role to utilize and broaden my skills in a fast-paced, growth-oriented environment.

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WORK EXPERIENCE

Full-stack Developer - GetMyRx – Canada
Oct 2022 – Present | Spring Boot • Node.js • React

GetMyRx, is a delivery service specializing in medical supplies, partnering with over 300 pharmacies across 35 states in Canada. The platform offers three distinct portals to streamline the experience: a customer portal, a pharmacy portal (for merchants), and an admin portal (for vendors), ensuring seamless service for all users.

Key Contributions & Highlights:
- **Assisted in migrating the legacy API** improving the design, functionality, coding conventions, leading to a more maintainable codebase.
- **Developed delivery-master feature** which performs delivery cost estimations and suggests optimal delivery routes.
- **Developed new functionality** that maps legacy delivery addresses to real world geo-locations.
- **Optimized underperforming code and queries** cutting down overall latency by over 50% in several features.
- **Resolved daily issues** by proactively resolving daily technical issues, ensuring continuous system stability and performance

Front-end Developer - Kindo | ezlunch – NZ
Oct 2021 – Jul 2022 | React • Typescript • MobX

Kindo is a cashless payment system used by 260+ schools and 45,000+ families across NZ. Kindo simplifies transactions for students and schools while offering online shopping, school lunch ordering, fundraising etc.
ezlunch is Kindo's online shopping portal for purchasing uniforms, lunches, books, fundraising items, tickets etc, with 100+ caterers, restaurant, and services to choose from.

Key Contributions & Highlights:
- **Developed community shop UI** introducing ezlunch to the public enabling seamless experiences for both registered/non-registered users.
- **Migrated legacy login/register system** from Vanilla JS to React, modularizing registration steps to allow effortless addition of ad-hoc login processes.
- **Created an advanced forum utility** that dynamically renders UI based on metadata, incorporating custom-JS field validations for enhanced functionality.
- **Implemented lazy loading** in the community shop, significantly reducing performance overhead and improving user experience.

TECH SKILLS

Java	Spring-Boot
Play Framework	Hibernate
PostgreSQL	MongoDB
JavaScript	Code Optimization
React	TypeScript
Tailwind CSS	Next.js
HTML/CSS	Node.js	Express.js
Python	THREE.js	New Relic

SOFT SKILLS

Attention to Detail	Empathy
Problem-Solving	Creativity
Persistence	Adaptability

EDUCATION

Bachelor of Science (Honours) in Information Technology at Sri Lanka Institute of Information Technology (SLIIT) 2013 - 2017

PERSONAL PROJECTS

Developer Portfolio Visit
Next.js | TypeScript | Tailwind CSS | Aceternity UI

CLI for ARGB gaming peripherals
(Open source) GitHub
Python | Npcap packet Interception | Rev.-Eng

Star-Citizen Route Finder Visit
Next.js | TypeScript | Tailwind CSS | shadcn/ui

THREE.js : Low-polygon Star dome generator
(Open source) GitHub | Visit
THREE.js | Vite

Home Automation Server Request Access
Spring Boot | Python | C++ (Arduino) | Node.js

Senior Software Engineer / Team Lead - Allion Technologies – SL

Jan 2021 – Oct 2021 | Java Play Framework • Spring Boot

Assembly SMS is a web-based school management system that enables school administrators to seamlessly manage their day-to-day school administration activities. Assembly SMS is a product that consists of core modules covering Assessments, Accounts, Attendance and Timetabling, providing outstanding custom reporting functionalities and portal facilities for caregivers, students, and teachers to interact with.

- **Eliminated peak-time performance overhead** by utilizing New Relic, Java GC, JVisualVM, code optimizations, and multithreading, securing the system's capacity to withstand higher throughput.
- **Redesigned underperforming features**, achieving a 91% average reduction in latency, and significantly enhancing user experience.
- **Performed extensive query optimizations** and implemented performance improvements across the application, ensuring optimal system efficiency.
- **Designed and developed critical features** maintaining and improving system performance.
- **Collaborated with the Ministry of Education** in New Zealand, hosting firms, and third-party vendors, managing integrations and troubleshooting to ensure seamless operations.
- **Conducted effort/resource estimations**, deployment & releases, and **code reviews**, mentored junior developers and improved code quality practices/workflow within the team to ensure standards were met.

Software Engineer - Allion Technologies – SL

Apr 2018 – Jan 2021

- **Engineered a dynamic and interactive portal** for students, caregivers, and school staff, integrating event-driven (MQTT) newsfeed functionality to enhance user engagement.
- **Streamlined and optimized complex queries and code** for seamless performance, ensuring efficient feature execution.
- **Proactively resolved technical issues** on a daily basis, maintaining system stability and performance.
- **Collaborated with clients** to refine and enhance requirements, ensuring alignment with business objectives and user needs.
- **Provided 24/7 technical and server support**, ensuring uninterrupted service and rapid issue resolution.
- **Enhanced server security** by implementing advanced protocols in collaboration with the MIS team, safeguarding sensitive data.
- **Led innovative brainstorming sessions** to address and solve critical technical challenges, fostering a culture of continuous improvement.
- **Executed data migrations** between systems, ensuring data integrity and seamless transitions.

Associate Software Engineer - Allion Technologies – SL

Jun 2017 – Apr 2018

- **Collaborated with clients** to gather and clarify requirements, ensuring alignment with project goals.
- **Resolved bugs and developed minor features**, enhancing the overall functionality and reliability of the application.
- **Trained and managed junior team members**, fostering skill development.