

# Chathuranga Sampath

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

With over 6 years of experience as a versatile Web developer, I excel in leveraging comprehensive full-stack skillset, to deliver customer centric, high-performance solutions. Adaptable and driven, I possess a proven track record of thriving in team-based and self-driven settings. Proficient in remote work dynamics, seeking a role in a fast-paced, non-toxic environment to utilize and further broaden my skills.



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## WORK EXPERIENCE

### Independent Contracts

#### Full-stack Developer - GetMyRx – Canada (Remote)

Oct 2022 – Present | Spring Boot • Node.js • React

**GetMyRx**, a delivery service specialized in medical supplies with over 300+ pharmacies across Canada. I work on the feature developments and fixing issues in both Pharmacy-portal (merchant app) and the admin-portal (vendor app). Additionally, I was tasked to optimize multiple interfaces across applications providing users with efficient and enhanced experiences.

#### Highlights:

- Developed delivery-master feature which performs delivery cost estimations and suggests optimal delivery routes.
- Assisted in the system upgrade by offering a strategic, innovative solution to critical issues, significantly improving the design and functionality.
- 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.

#### Front-end Developer - Kindo | ezlunch – NZ (Remote)

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.

#### Highlights:

- Developed an MVP shopping UI for the public community in NZ enabling seamless experiences for both registered and 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           |            |
| ActiveMQ       | 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

**B.Sc. Special (Honours) in Information Technology** at Sri Lanka Institute of Information Technology (SLIIT)  
2013 - 2017

## PROJECTS

#### Developer Portfolio [Demo](#)

Next.js | TypeScript | Tailwind CSS | Aceternity UI

#### CLI for ARGB gaming peripherals (Open source) [GitHub](#)

Python | Npcap packet Interception | Rev.-Eng  
Command line tool to control ARGB lightings on FANTECH gaming peripherals without the need for native drivers.

#### THREE.js : Low-polygon Star dome generator (Open source) [GitHub](#) | [Demo](#)

THREE.js + Vite

A module that populates a cross-cut Star dome with variations in star colour, and parameterized star density, min/max star sizes, and scatter distance of the star field.

**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 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.


**Home Automation Server**


Spring Boot | Python | C++ (Arduino) | Node.js


- Weather-sensitive IoT device management with a built-in task scheduler
- Localized announcements powered by LLM
- High-precision AI-driven surveillance with Integrated IoT
- Cross-platform smart device operability & custom device constraints
- Space Station sightings alerts based on real-time weather data
- Comprehensive management console & meal planner ([Preview Access](#) available upon request)

INTERESTS

 IoT

 Gaming

 Piano

 Cooking

REFERENCES

References available upon request.