

# Chathuranga Sampath

## Full-Stack Developer | Java

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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📍 Galle, Sri Lanka

🌐 LinkedIn

🐙 GitHub

## WORK EXPERIENCE

### Independent Contracts

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

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

**GetMyRx**, a delivery service specialized in medical supplies with over 300+ pharmacies across Canada. I worked 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 interfaces and processes cutting down overall latency by over 50%.

#### 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

Query Optimization

ActiveMQ

Code Optimization

React.js

TypeScript

Node.js

Next.js

HTML/CSS

Tailwind

New Relic

Python

THREE.js

MobX

## 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

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

Next.js | TypeScript | Tailwind | Aceternity UI

An immersive and visually captivating developer portfolio, built using cutting-edge UI libraries coupled with modern design aesthetics from Tailwind, showcasing my potential as a developer, and a creative way to reflect my extensive industry experience.

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

Python | Npcap packet Interception

Built upon reverse engineering techniques, this custom command line tool enables handling ARGB lighting controls of FANTECH RGB gaming peripherals as a substitute for its native drivers.

**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/query optimizations, and multithreading, securing the system’s capacity to withstand higher throughput.
- **Revamped underperforming user interfaces**, achieving a 91% average reduction in latency and significantly enhancing user experience.
- **Conducted extensive research** 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.

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

THREE.js + Vite

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

**Home Automation Server**

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

- Weather-sensitive IoT device management & Custom task scheduler
- High Accuracy AI-Vision surveillance & Integrated IoT
- Localized weather announcements
- Cross-platform smart device operability & Custom device-constraints
- Weather-responsive, localized Space Station sighting alerts
- Management console & Meal planner ([Site & Access](#) available upon request)

INTERESTS

 IoT

 Gaming

 Piano

 Cooking

REFERENCES

References available upon request.