

Iroshan Rathnayake

Full Stack Developer

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[Linkedin](#) | [Github](#)

Full stack developer with a passion for creating innovative web application and a strong foundation in both frontend and backend technologies. Adept at transforming ideas into seamless digital experiences, leveraging skills in Java, Spring boot, Angular and cloud service to drive project success.

WORK EXPERIENCE

Full Stack Developer Trainee

Panadura, SL

ICET

Feb 2024 – Present

- Custom web applications – Developed dynamic web applications using Angular, Spring boot, Node.js, SQL and NoSQL databases for various projects.
- Backend Services – Intergrated RESTful APIs and AWS for real time database management and S3 cloud storage. Utilized Spring boot, JPA, and Hibernate for seamless backend operations.
- Web Security – Implemented Spring security and JWT for robust authentication and authorization.
- Deployment – Streamlined deployment pipelines using Docker and CI/CD practices.
- Standalone Application – Created JavaFX application with an intuitive UI, integrating robust backend services.

PROJECTS

ARCANE DAM SYSTEM [\[Repo\]](#)

Nov 2024

- Comprehensive Asset Management & Collaboration: Developed a platform for secure asset storage and efficient team collaboration, with features for role-based access control, task tracking, and real-time project updates.
- Cloud Integration & Security: Leveraged AWS S3 for asset storage, DynamoDB for database scalability, and implemented JWT with Spring Security for secure, authenticated access.
- Tech-Stack: Angular, Spring boot, JWT, Spring Security, AWS S3, DynamoDB, AWS Cognito

HOSPITAL MANAGEMENT SYSTEM – PRESCRIPTION MODULE [\[Repo\]](#)

Oct 2024

- Project Oversight & Coordination: Leading a team of 21 members in developing a secure and efficient prescription management system, using GitHub for streamlined collaboration and code management.
- Agile Project Management: Implementing Agile methodologies to track progress, conduct sprint planning, manage risks, and ensure project milestones are met on time.
- Tech-Stack: Angular, Spring boot, MYSQL, Hibernate

CLOTHIFY STORE JAVA FX [\[Repo\]](#)

Sep 2024

- Create a clothing store management platform with user authentication, product listings, cart, checkout, and payment integration. Implement order tracking and admin dashboard for inventory management.
- Tech-Stack: JavaFX, Transaction, MySQL

STUDENT MANAGEMENT SYSTEM [\[Repo\]](#)

Jul 2024

- Develop a system to manage student data, course enrollments, attendance tracking, and grading. Includes admin dashboard, student portal, and notification system.
- Tech-Stack: HTML5/CSS, Java script, Spring boot, MySQL

WEATHER FORECAST WEB APPLICATION [\[Repo\]](#)

Jul 2024

- Developed a weather forecast application that provides real-time weather data for different locations using a weather API. Features include location-based weather updates, 5-day forecasts, and a responsive UI.
- Tech-Stack: HTML5/CSS, Java Script, REST API, Bootstrap

EDUCATION

INSTITUTE OF COMPUTER ENGINEERING TECHNOLOGY
Major in Full Stack Development

Panadura, SL
Feb 2024 – Nov 2024

PEARSON LONDON COLLEGE
Advanced Diploma in Software Engineering

London, UK
Jan 2020 – May 2021

ESOFT METRO CAMPUS
Diploma in Hardware and Network Engineering

Kandy, SL
Jan 2020 – Oct 2020

DHARMARAJA COLLEGE
GCE A/L & O/L

Kandy, SL
Jan 2014 – Dec 2022

SKILLS

- | | | |
|--------------|---------------|-------------------------|
| ● Java | ● Spring boot | ● Angular |
| ● HTML5 | ● CSS, SCSS | ● JavaScript |
| ● TypeScript | ● MYSQL | ● PostgreSQL |
| ● MongoDB | ● DynamoDB | ● Git |
| ● AWS S3 | ● Bootstrap | ● Tailwind |
| ● Figma | ● JavaFX | ● Agile, JIRA, Click Up |
| ● REST APIs | ● Docker | ● Node.js |

LANGUAGES

English: Professional Proficiency
Sinhala: Native

REFERENCES

References available upon request.