

THARANA HASINTHA

Software Engineering Undergraduate
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[LinkedIn](#) [GitHub](#) [Portfolio](#)

PROFESSIONAL SUMMARY

Motivated Software Engineering undergraduate with hands-on experience in full-stack web development and enterprise application development. I am proficient in Java, Python, Spring Boot, Hibernate, Maven, React.js, and modern web technologies with strong understanding of SDLC, RESTful APIs, MVC architecture, and Agile methodologies. Skilled in building scalable, user-focused software solutions with proven track record in database management, API integration, and responsive UI/UX design.

Education

University of Westminster (IIT)	2024 – Present
<i>BEng (Hons) in Software Engineering</i>	
Mahanama College, Colombo – G.C.E (Advanced Level)	2017 – 2023
<i>Physical Science Stream: Combined Mathematics – C Chemistry – C Physics – S</i>	

Skills

Technical Skills

- **Programming Languages:** Java SE/EE, Python, JavaScript, PHP, C++, Node.js
- **Web Development:** React.js, HTML5, CSS3, JavaScript, JSP, Servlets, REST APIs
- **Frameworks & Libraries:** Spring Boot, Hibernate, Maven
- **Database Management:** MySQL, PostgreSQL, Firebase, OracleSQL
- **Development Tools:** Visual Studio Code, Spring Tool Suite, IntelliJ IDEA, Eclipse, Apache Tomcat
- **Version Control:** Git, GitHub
- **Data Formats:** JSON, XML
- **Architecture & Design Patterns:** MVC, DAO Pattern, RESTful Architecture

Personal Skills

- Communication
- Problem solving
- Team work
- Leadership
- Analytical thinking
- Attention to detail

PROFESSIONAL QUALIFICATIONS

Industrial / Enterprise Software Development Program (Ongoing)

- Advanced training in Java SE, Java EE, Python, and industrial frameworks with practical exposure to enterprise-level software architecture and coding standards

Languages

- English (Professional)
 - Sinhala (Native)
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PROJECTS

Full-Stack Online Library Management System (Group) – Librioo | 2026

Technologies - Spring Boot, React.js, MySQL, REST APIs, Maven, Git, Maven, Hibernate

- Developed comprehensive library management system with secure authentication and role-based access control for admin and user modules.
- Implemented RESTful APIs using Spring Boot for book management with image uploads, advanced search and filtering capabilities.

Online Voting System (Individual) – SmartVoteSL | 2025

Technologies - HTML5, CSS3, JavaScript, Firebase, QR Code API

- Independently developed full-featured smart election platform with voter registration system and QR code-based authentication.
- Integrated email authentication and real-time vote counting functionality with admin panel for candidate management.

Dynamic Email Client Application (individual) - Offline Gmail Clone | 2025

Technologies - Java, JSP, Servlets, JDBC, MySQL, MVC, Apache Tomcat, Eclipse/STS

- Built dynamic email client replicating Gmail core features including registration, composing CC/BCC, drafts, inbox, sent items, and junk management. Implemented MVC architecture and DAO design pattern for clean code separation, improving code maintainability by 30%.

Zero Hunger Awareness Website (Group) - Feed The Future | 2025

Technologies - HTML5, CSS3, JavaScript, Git

- Developed homepage, navigation system, and overall website styling for zero-hunger awareness initiative.
 - Collaborated in team environment using Agile methodology and Git version control for efficient project completion.
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REFERENCES

Mr. Akila Delapalage | Head of Cloud Solutions, OpenArc Systems Management (Pvt) Ltd.

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J.K. Lakshitha Mihiran | Software Engineer, Hanes Australasia

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