






Randula Tharaka

Software Engineer

 [Portfolio](#) |  [GitHub](#) |  [LinkedIn](#) |  +94 77 871 9766 |  iamrandula@gmail.com

Skills

Programming Lang. & DBs	I • Java • JavaScript • MySQL • MongoDB
Frameworks & Libs.	I • Spring Boot • JSP & Servlet • React • Express • Node • Redux
Frontend Tech	I • HTML5 • CSS3 • Sass • Bootstrap • Adobe XD
Tools & Platforms	I • Git • Docker • Postman • Google Cloud

Education

Bachelor in Information Technology , University of Colombo	March, 2023
Coursework: OOP & Design, D.S. & Algorithm, Web Development, System Security	
MERN Stack Course , University of Colombo	March, 2022
Coursework: React18, Redux Toolkit, RTK Query, Node, Express, MongoDB	
Oracle Certified Associate , ANC-NetAssist International	August, 2019
HTML, CSS & Bootstrap Course , Udemy	July, 2022
School, Isipathana College -Colombo 05	2007 - 2015

Projects

Sethyana: Car Rental Management System | [Website](#), [GitHub](#)

- Developed a **full-stack Spring Boot** application to manage reservations, vehicles, drivers, packages, customers and payments.
- Implemented secure **RESTful APIs** with **Spring Security** for role-based access (manager, receptionist, driver).
- Built **responsive front-end interfaces** from **Adobe XD** mockups.
- Integrated **email** (JavaMailSender) and **SMS** (Twilio) **notifications** for automated booking confirmations.
- Containerized with **Docker** and deployed to **Google Cloud Run** using CI/CD pipelines.
- Developed **reporting module** for revenue analytics and mobile friendly **driver portal** for job management.

Tech Stack: Java, Spring Boot, MySQL, HTML, Bootstrap, JavaScript, Docker, Google Cloud Run & SQL

TechMartX: e-Commerce Platform | [Website](#), [GitHub](#)

- Developed a **full-stack MERN** application for product browsing, cart, checkout, and order tracking.
- Designed **RESTful APIs** for products, users, orders, authentication, and reviews.
- Built **responsive front-end** with React, Redux Toolkit (RTK Query), and React-Bootstrap.
- Implemented **JWT authentication**, role-based access, and secure **password hashing**.
- Created an **admin dashboard** for managing products, users, and orders with CRUD operations.
- Leveraged **Mongoose** for schema modeling, query optimization, pagination, and keyword search.

Tech Stack: React, Redux Toolkit, Node.js, Express.js, MongoDB, React-Bootstrap, Postman, Bcrypt

Student Management System | [Website](#), [GitHub](#)

- Developed a **JSP & Servlet web application** with MVC architecture to manage student records efficiently.
- Implemented **CRUD** operations for adding, updating, deleting, and viewing student information.
- Used **JSTL** and **JSP scriptlets** for **dynamic, maintainable views**.
- Engineered a **modular data access layer** to separate database and business logic, improving reusability and testability.

Tech Stack: Java Servlets, JSP, MySQL, JSTL, Apache Tomcat, MVC, DAO pattern

Soft Skills:

- Demonstrated strong problem-solving and system design skills in academic and personal projects.
- Quick learner with the ability to adapt to new technologies and frameworks.