



# ZIMRA MOHAMED

## SOFTWARE ENGINEERING UNDERGRADUATE

### CONTACT



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[GitHub](#)

[LinkedIn](#)

### EDUCATION

2025 - Present

**BSC (HONS) COMPUTING  
(SOFTWARE ENGINEERING)**

- NIBM, Colombo, Sri Lanka.

2022 - 2024

**STUDIED DIPLOMA AND HND IN  
SOFTWARE ENGINEERING**

- NIBM, Galle, Sri Lanka.

### SKILLS

- Programming Languages: Java, JavaScript, HTML, CSS
- Web Development: React, MERN Stack
- Database: MySQL, Microsoft SQL Server, MongoDB, PostgreSQL
- Mobile Development: Android Studio

### PROFILE

I am a Software Engineering Student with a passion for web development, specializing in React and the MERN stack. I am seeking an internship opportunity to gain valuable industrial experience in these areas and contribute my knowledge to the industry. I am a fast learner with strong problem-solving and analytical skills. I am also an effective communicator and team player, as evidenced by my academic projects.

### PROFESSIONAL EXPERIENCE

**Sri Lanka Telecom - Trainee Full Stack Developer | Mar 2025 - Sep 2025**

- Version Control:** Proficient in collaborative software development and efficient change tracking across GitHub and Bitbucket repositories.
- Redux Integration:** Integrated Redux to manage complex application state efficiently and support seamless updates.
- Bug Fixing:** Collaborated with QA teams to identify and resolve software bugs, maintaining high-quality standards across the application.
- JWT Authentication:** Integrated JWT authentication to manage user sessions securely with role-based access control.
- Product Development:** Worked closely with the SLT team to build cutting-edge software features and enhancements.

### ACADEMIC PROJECTS

#### ● Incident Management System

- Implemented the web application installation functionality with React, nestJS and PostgreSQL.
- Developed the Incident Management System, allowing users to report and track incidents, view and export incident history, and manage tasks based on their assigned roles.

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## LANGUAGES

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- English (Professional working proficiency)
- Sinhala(Native)

### ● SnapCal: Equation Solver

- Python is used for this web-based management system.
- Developed a web application that enables users to upload images of mathematical equations and instantly receive clear, step-by-step solutions.

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### ● Web-based Food Ordering & Management System

- Designed and implemented this management functionality, utilizing PHP and MongoDB
- Implemented a food-ordering web application in Java, featuring user authentication, shopping cart management, and secure checkout, tailored for the food and beverage industry.

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### ● Tea Factory Management System

- Implemented the web application installation functionality with JavaScript, HTML, and CSS, in React and Firebase .
- This specialized software streamlines tea factory operations, managing everything from raw leaf collection to processing, packaging, and distribution.

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## REFERENCE

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### Thilini Dharmasena

Lecturer/Consultant at National Institute  
of Business Management(NIBM)

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