

# NAVID MOHAMMED

E-mail | LinkedIn | GitHub | Homepage | Medium

*A self-motivated Electrical and Electronic engineering undergraduate who seeks strong challenges in software development and passionate full stack developer.*

## EDUCATION

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**South Eastern University of Sri Lanka**  
B. Sc (Hons) – Electrical and Electronic Engineering

June 2022 - Present

**Trincomalee Zahira Collage**  
GCE Advance Level in Physical Science

2017 – 2019

## EXPERIENCE

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### EverestX Technologies

May 2024 – Aug 2024

Software Engineer Trainee – Java, Spring Boot, Microservices, PostgreSQL, AWS

Colombo, Sri Lanka

- Designed and Implemented **Restful APIs** for the ‘MyCity’ hotel booking application using **Spring Boot**.
- Developed **APIs for CRUD operation** on hotels and rooms for the admin panel.
- Contribute to a **microservices architecture** by building and integrating independent modules.
- Implemented **Image upload functionality** using **AWS S3 pre-signed URLs** for secure file storage.
- Built **APIs with Pagination** support and authored a technical article on Medium to document the implementation.
- Integrated **AWS Lambda function** to handle serverless **HTTP** request within the backend.
- Conducted comprehensive API testing and documentation using **Swagger** and **Postman** collections.
- Managed **Entity relationships** and handled **database schema design** and optimization.
- Followed clean code principles, **MVC** architecture and version control using **Git** and **GitHub**.

## PROJECTS

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### HR Management Full Stack Application | Java, Spring Boot, MySQL, Spring Security, React

GitHub

- Developed a HR management application to manage employee details, using **Java** for backend and **React.js** for frontend.
- Implemented **CRUD** operation for employee records, including personal details.
- Utilized **RESTful APIs** to connect frontend and backend services with secure data flow and efficient data handling.
- Integrated **Spring Data JPA** and **MySQL** to persist employee data with relational database support.
- Applied role-based authentication and **JWT** security to restrict access to authorized users.
- Followed **MVC** architecture and **Git** for version control and collaboration.
- Used **Postman** for testing the APIs.

### To-Do Web Application | Java, Spring Boot, Hibernate, MySQL, Thymeleaf, Bootstrap

GitHub

- Built a full stack To-Do list web application with **Spring Boot** backend and **Thymeleaf** frontend to manage personal tasks.
- Implemented **CRUD** functionality (create, read, update, delete) for tasks with features like toggling.
- Developed **RESTful APIs** using spring boot for smooth data communication with the frontend.
- Integrated **MySQL** database with **Spring Data JPA** for persistent task storage.
- Followed clean code and version control using **Git**.

## TECHNICAL SKILLS

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**Programming Language:** Java, Python, SQL

**Beck-end Tech:** Spring Boot, Hibernate, Spring, JDBC

**Front-end Tech:** ReactJS, HTML, CSS, Java script

**Databases:** MySQL, PostgreSQL, NoSQL

**Version Control:** Git, GitHub

**Cloud:** Amazon Web Services (AWS – S3, Lambda function), Docker, Kubernetes