



KAIF ZAKI

SOFTWARE ENGINEER



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Kaif Zaki



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SKILLS

Java



JavaScript



HTML



CSS



Python



FRAMEWORKS & TOOLS

Spring Boot

Angular

React

Node.js

MySQL / MongoDB

Git, Docker, Postman

PERSONAL PROFILE

Enthusiastic Software Engineering undergraduate with a strong foundation in Java, Spring Boot, React, Node.js, and SQL/NoSQL databases. Passionate about building scalable web applications and solving real-world problems through technology. Skilled in teamwork, problem-solving, and continuous learning, with hands-on experience in full-stack development projects. Actively seeking opportunities to apply my technical skills and grow as a software engineer.

EDUCATION

Graduate Diploma in Software Engineering

Institute of Software Engineering (IJSE)

Full-Stack Developer Course

University of Moratuwa (UOM)

[Python - ID XODAFHLSRK]

[Web Designing - ID OtkbIhgCe8]

G.C.E Advance Level , Al-Fahriya National School

3S"s in Commerce Stream

G.C.E Ordinary Level , Arafath Maha Vidyalaya

1B,7C,1S

EXPERIENCE

○ IJSE Trainee Software Engineer

[Sep 2023 - Present]

- Developed enterprise-level software using Java, Spring Boot, and JavaFX, focusing on scalable and maintainable architecture.
- Created dynamic and user-friendly interfaces with React and Angular, enhancing usability across web platforms.
- Integrated databases such as MySQL and PostgreSQL for efficient data management and ensured data integrity.
- Implemented RESTful APIs with secure JWT authentication, supporting modular and secure service communication.
- Used Docker, Git, and Maven to automate builds, manage containers, and ensure version control in a team environment.

PROJECTS

○ BookShop Management System

Full Stack Web Application

- Tech Stack: Spring Boot, Spring Security,16, Bootstrap, MySQL, HTML, CSS, JavaScript
- Developed a web-based bookshop management system with role-based access for Admin, Staff, and Customers.
- Implemented JWT-based secure authentication and authorization, ensuring restricted access and secure operations.
- Built and integrated RESTful APIs with a MySQL database to handle books, categories, orders, and user data efficiently.

SOFT SKILLS

Problem Solving

Team Collaboration

Communication

Time Management

Critical Thinking

LANGUAGES

English

Tamil

Sinhala

REFERENCES

Prasad Waduge

CEO/Senior Trainer,IJSE

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○ Smart Parking Management System (SPMS)

Microservices

- Tech Stack: Java 17, Spring Boot, Spring Cloud (Eureka, Config Server, API Gateway), Microservices, MySQL, Postman
- Developed a cloud-native microservices platform for smart urban parking management.
- Implemented real-time parking space monitoring, reservations, and payments with role-based user management (Customer, Parking Owner, Admin).
- Designed and deployed scalable microservices architecture with service discovery and centralized configuration.

○ MERN Stack Web Application

- Tech Stack: MongoDB, Express.js, React, Node.js, TypeScript, Tailwind CSS
- Developed a full-stack web application with secure JWT authentication and authorization (access & refresh tokens).
- Implemented password hashing with bcrypt for enhanced security.
- Integrated REST APIs with MongoDB using Mongoose ODM for efficient data management.

○ TaskWize App

Mobile Application

- Tech Stack: React Native, TypeScript, Firebase Firestore, Firebase Authentication
- Developed a cross-platform task management application with real-time cloud synchronization.
- Implemented location-based task reminders, notifying users when approaching saved task-related locations.

○ Book Club Library Management System

Full Stack Web Application

- Tech Stack: React 18, TypeScript, Node.js, Express.js, MongoDB, Tailwind CSS, Nodemailer
- Developed a full-stack library management system for a real-world client (Book Club Library, Colombo).
- Implemented JWT-based authentication with role-based access control for secure staff operations.
- Integrated email notifications using Nodemailer to remind members of overdue books.
- Designed a responsive and modern UI with React, TypeScript, and Tailwind CSS.

○ MyToDo Android App

Mobile Application

- Tech Stack: Java, Android Studio, Firebase Firestore
- Developed a simple Android application for personal task management with real-time cloud storage.
- Implemented features to add, view, and delete tasks, with persistence in Firestore for multi-device access.
- Ensured cloud-based consistency by using Firestore instead of local SQLite storage.