

# Mohamed Kamaludeen

## FULLSTACK ENGINEER | REACT.JS | SPRINGBOOT

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### Profile Summary

Full-stack Engineer with over 3+ years of industry-level experience in front-end development using JavaScript-related technologies such as React.js and TypeScript, coupled with 2+ years of expertise in back-end development utilizing Java-based frameworks like Spring Boot and Quarkus and Possess strong skills and deep understanding of key requirements, enabling me to deliver productive and creative solutions to meet project objectives effectively.

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### Core Competencies

- React.js , ES6
  - JavaScript , TypeScript
  - Next.js , Vue.js
  - SpringBoot , Quarkus
  - Java
  - Material UI , Tailwind CSS
  - HTML, CSS
  - Swagger
  - Software Architecture
  - REST APIs
  - Google Cloud
  - Redux
  - Jest
  - AWS , MS Azure
  - Git , Docker , CI/CD
  - Python
  - Agile , Jira
  - MySQL , MongoDB
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### Work Experience

EY GDS

Dec 2024 – present

Fullstack

Kimberly-Clark-Continuous Development

- Develop 100% user-responsive Feature using React.js, Redux, and Redux Saga. Implement Material UI for a modern, polished UI/UX. More than 90% of Code Coverage using RTL & Jest •
- Follow Working on Agile Methodology using Azure DevOps.
- Develop backend api's

INTTEQ

ExamAnytime Project

Aug 2022 – Feb 2024

Front-end

- Develop 100% user-responsive websites using React.js and TypeScript. Implement Material UI for a modern, polished UI/UX.
- Follow an 80% well-organized folder structure to ensure clear and manageable code organization.
- Implement Redux for centralized state management in React.js applications.

- use React.js third party libraries.
- Implement RESTful APIs calls to fetch and manipulate data from server endpoints with axios.

#### **Back-end(Point Payment part)**

- Designed and implemented APIs enabling students to 100% securely purchase points through Dialog Genie Mobile and credit card payment gateways, ensuring a seamless transaction experience.
- Used MVC architecture to high-level folder structure principles for organized code management.
- Utilized the spring-boot-starter-mail dependency to integrate 100% secure SMTP email functionalities into the backend system

### **Columbia Route Optimizer Canadian Project**

**Feb 2024 –Sep 2024**

#### **Back-end**

- Established a robust Spring Boot project from a skeleton, incorporating essential dependencies to support MVC (Model-View-Controller) architecture
- Implemented Spring Security to enforce authentication and authorization within the application.
- Configured OAuth 2.0 with JWT token to facilitate 100% secure and standardized authorization protocols, ensuring seamless integration with external services and APIs.
- Setup and Configured Keycloak as an authentication and authorization server to 2 times faster development and secure access to application resources.
- Multi-stage Dockerization of backend service because of reduce 3 time small image size with multi-stage builds and developed a CI/CD pipeline using GitHub Actions to deploy containers on AWS Lightsail.
- Configured AWS S3 bucket to store and manage uploaded images securely and efficiently.

### **Ficusit iPad Australian Project**

**June 2024 –Aug 2024**

#### **Back-end**

- Developed REST with 100% secure endpoints for front-end integration using the Quarkus framework.
- Established an MVC framework with MongoDB as the database, ensuring efficient data storage and management.
- Integrated JWT-based authentication for secure user management.
- Configured Quarkus Mailer with email template engine and 100% of secure SMTP email transactions.
- integrate with Google Drive fetch images from it and copy them to Azure blob storage.
- Built CI/CD pipeline using GitHub Actions for 2x faster automated deployments.
- Deployed application on AWS Lightsail and set up NGINX as a reverse proxy.

### **INTTEQ Website Project**

**Aug 2024 –Oct 2024**

#### **Front-end and Back-end**

- Goodfile and folder for organized code management with MVC architecture.
- Utilized server-side rendering with requested APIs on the server side.
- Integrated NextAuth for authentication within the website.
- Connected with Azure App and Outlook Calendar to trigger events.
- Sent emails via NodeMailer.
- use GraphApi to authenticate with the Azure app.
- Use Mongoose to connect MongoDB database

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## Education

**BSc. In Computer Science**

**Sep 2020 – Oct - 2023**

University of Jaffna, Jaffna , Sri Lanka

Major: Web Development | Minor: Machine Learning

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## Certification

Advanced-react by Meta

**June 2024**

<https://coursera.org/share/fea7f08d5117b7228e22dd000139c877>