



# JANITH CHANDULA

SOFTWARE ENGINEER

## PROFESSIONAL SUMMARY

A passionate and results-driven Full Stack Developer with over 3 years of experience in designing, developing, and deploying full-scale web applications. Proficient in building scalable APIs and microservices architecture, utilizing Java and Spring Boot for backend development, and React for creating responsive, user-friendly front-end interfaces. Adept at integrating databases such as MySQL and delivering high-quality enterprise solutions in diverse domains including banking and reservation systems. Strong focus on collaboration, unit testing, version control, and CI/CD pipelines to ensure smooth project delivery and client satisfaction.

## WORK EXPERIENCE

2023

July-Present

**Software Engineer - Axiata Digital Labs**

-Worked as a full Stack Developer  
-Worked with Spring Boot and React Js frameworks with restful CURD API development.

2022

Jan -July

**Mobitel Pvt. Ltd- Engineering Intern**

Worked in Integrated Network Operations Center of Mobitel Pvt. Ltd.  
Studied network operations of the Mobitel network, networking, GSM,3G,4G architecture

## PROJECTS

### • Axiata Digital Labs

SME Lending and Hire Purchase Loans - Boost Bank

A backend system for a banking app, which enables the user to do self-registration with digital KYC, apply for a loan, loan disbursement, loan repayment.

- Working closely with Banking clients to build a state-of-the-art backend system to users across Malaysia
- Developed key features related to loan applications, creation, disbursement, and repayment processes in asynchronous non-blocking event driven architecture.
- Worked with Mambu core banking system and third-party payment management systems.
- Practiced industry best practices for security and PII data collection.

Tech Stack : Java, Spring Boot Reactive, MySQL, Kafka, Jenkins, Argo CD, Maven, Splunk, Bitbucket

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## SKILLS

Spring Boot  
Spring Boot Reactive  
React  
Kafka  
Python  
MySQL  
Git  
Docker  
Jenkins  
Argo CD

## SOFT SKILLS

Problem Solving  
Teamwork  
Self- Learning  
Analytical Thinking

## HotSeating-ADL

An end to end web solution to make reservation for seats using the floor map of office premises. Admin user can draw the seat layout in floor map and customize booking flow as required.

- Worked as full stack developer and developed REST APIs in microservice architecture, API validations security handling using spring boot
- MySQL and relational DB design
- Spring Keycloak based SSO authentication and authorization and JWT tokens
- Front end Development with ReactJs and tailwind CSS, and API integration with Axios and Redux
- R&D on floor design drawing using React
- Unit test writing with JUnit , debugging, dev testing and aligned with industry best practices for code quality.

*Tech Stack : Java, Springboot, Gradle, Keycloak, Docker, Mysql, JUnit, SonarLint, React, Tailwind CSS, Linux, GitLab*

- **Digital Twin Modelling of a Single Traffic Intersection -Final Year Project**  
University of Moratuwa

Final year project designed and developed a digital twin model of a traffic intersection using machine learning and deep learning custom models. The model can be trained to traffic analysis using yolo v5 object detection on CCTV footage and able to predict traffic flow and can be used as a reference model for decision making. The system implemented in edge computing device for real time processing.

*Tech Stack : Python, Tensorflow, keras, opencv*

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## ACEDAMIC HISTORY

**2018- 2023** B.Sc. Eng. Hons. in Electronic and Telecommunication Engineering  
University of Moratuwa  
Second Class Upper Division

**2017- AUG** G.C.E. Advanced Level Examination  
AAA  
Z Score: 2.406  
Island Rank: 55  
District Rank: 06

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## COURSES AND CERTIFIATIONS

- [Learn Apache Kafka 3.0 Ecosystem, Core Concepts, Real World Java Producers/Consumers & Big Data Architecture](#)
- [Programming Foundations: Secure Coding](#)
- [OpenID Connect & JWT: User identity for your apps & APIs](#)
- [Industrial IoT on Google Cloud](#)
- [AWS IoT: Developing and Deploying an Internet of Things](#)
- [Docker & Kubernetes: The Practical Guide](#)