

# DILAN BANDARA

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## PROFESSIONAL SUMMARY

Software Engineer with 3 years of experience designing and implementing scalable Java-based web services using Java, Spring Boot, SQL, and RESTful APIs. Skilled in designing clean architecture, testable code with strong practices in automation, CI/CD, and cloud-based deployment (AWS). Actively expanding knowledge in C# to complement strong backend architecture and SQL skills. Adept at translating complex requirements into high-performance backend solutions. Comfortable working in Agile teams and experienced in designing and delivering modular, testable services in cross-functional teams. Eager to apply technical and interpersonal strengths to meaningful, client-facing projects with real-world impact. Open to relocate to contribute to a high-performing team.

## TECHNICAL SKILLS

- **Languages & Frameworks :** Java, Spring Boot, C#(Growing), JavaScript, Hibernate, React
- **Architecture & Tools :** OOP, RESTful APIs, Microservices, SOLID, Design patterns, Git, Jenkins
- **Automation & Integration :** Event-Driven Design, CI/CD pipelines, API Integration, Kafka
- **Cloud & DevOps :** AWS, Agile/Scrum Methods, Docker, Kubernetes
- **Testing & QA :** JUnit, Mockito, Unit & Integration Testing, Troubleshooting & Debugging
- **Databases & Data Platforms :** MySQL, SQL, Microsoft SQL Server, PostgreSQL(Growing)
- **Collaboration :** Jira, Cross-Functional Teamwork, Technical Documentation

## WORK HISTORY

**DXDY Digital (Pvt) LTD (Consultant at Dialog Axiata PLC) | Colombo**      May 2024 - Feb 2025  
**Software Engineer**

*Java , Spring Boot , REST API , React , MySQL , Apache Kafka , AWS , Agile , CI/CD*

Responsible for developing scalable backend solutions and optimizing frontend development while ensuring seamless system integrations.

- Engineered a large-scale enterprise reporting system (SaaS) using **Java Spring Boot**, **automating** reports and **reducing manual effort by 70%**, while **enhancing administrative efficiency by 60%**.
- Led the design and implementation of microservices for report generation using application and integration design patterns, and maintained **RESTful APIs** to ensure optimal performance and security.
- Conceptualised and integrated user-friendly UI components using the **React** framework, elevating the administrator experience and **improving dashboard load speed by 25%**.
- Revamped reconciliation logic, bolstering accuracy and **reliability by 40%** through the integration of **AWS** and **DevOps** services.
- Designed and executed an event-driven document processing system using **Apache Kafka**, enhancing **reliability 50%** and scalability for high-traffic payment transactions.
- Automated build, testing, and deployment processes using **CI/CD pipelines and Docker**, reducing deployment time by **40%** and ensuring continuous delivery of resilient applications.
- Worked closely with Business Analysts, technical and non-technical stakeholders to deliver technical solutions.

**DXDY Digital (Pvt) LTD (Consultant at Dialog Axiata PLC) | Colombo**      Aug 2023 - May 2024  
**Associate Software Engineer**

*Java , Spring Boot , Node.js , React , Git , MySQL*

Worked on backend and frontend solutions to optimize marketplace operations and vendor management.

- Developed a reusable Common Widget Module for the Dialog Axiata Marketplace using Java Spring Boot and Node.js, streamlining vendor onboarding and **reducing repetitive processes by 50%**.

- Enhanced the Marketplace Charging Service by **automating** vendor payment notifications, reducing manual errors by 60%.
- Engineered **Single Sign-On (SSO)** solutions for multiple projects using Java Spring Boot, **ensuring secure and scalable authentication systems**.
- Designed SSO-compatible frontend solutions using **React** and Angular, improving user experience and authentication efficiency across multiple applications.
- Utilised **Git for version control**, deftly resolving **100+** merge conflicts and bolstering development team collaboration.

Dialog Axiata PLC | Colombo

Aug 2022 - Jul 2023

Software Engineer Intern

Java , Spring Boot , REST API , MySQL, Hibernate, JPA , Agile , Documentation

Gained hands-on experience in enterprise-grade software development using Java and Spring Boot

- Contributed to enterprise-grade projects by designing, implementing, and testing Java-based solutions.
- Engineered **RESTful APIs** and optimized database interactions using Java, Spring Boot, and **Hibernate**, enhancing data throughput and enabling real-time processing for thousands of concurrent users.
- Collaborated within cross-functional **Agile** and **Waterfall** teams across 3+ major projects, **ensuring 100% on-time delivery** of sprint goals and client deliverables.
- Authored and regularly updated comprehensive **technical documentation**, streamlining developer onboarding and **reducing cross-team clarification requests by 30%**.

QUALIFICATIONS

Bachelor of Science (Honours) in Information Technology | Rajarata University of Sri Lanka

Nov 2017 - Apr 2023 (GPA of 3.66/4.0)

Dr. Sena Yaddehige Gold Medal for Most Outstanding Student (Information Technology).

PERSONAL SKILLS

- |   |                                      |
|---|--------------------------------------|
| • Problem Solving & Analytical Thinking               | • Research & Development Mindset     |
| • Team Collaboration & Cross-Functional Communication | • Attention to Detail & Code Quality |
| • Time Management & Prioritization                    | • Adaptability & Flexibility         |
| • Willingness to Learn & Grow                         | • Writing Clean, Scalable Code       |

CERTIFICATES

- Foundational C# with Microsoft | FreeCodeCamp & Microsoft [🔗](#)
- Career Essentials in Software Development by Microsoft and LinkedIn (Python) | LinkedIn Learning [🔗](#)
- Docker Foundations Professional Certificate | Docker & LinkedIn Learning [🔗](#)
- Spring Boot 3, Spring 6 & Hibernate for Beginners | Udemy [🔗](#)
- Docker Mastery: with Kubernetes + Swarm | Udemy [🔗](#)

ACHIEVEMENTS

- Reduced manual reporting effort by 70%** by leading the development of an automated enterprise reporting system using Java Spring Boot.
- Improved admin efficiency by 60%** through optimized backend and user-focused frontend enhancements.
- Enhanced transaction scalability by 50%** with an event-driven document processing system using Kafka.
- Boosted reconciliation accuracy by 40%** by revamping core logic

REFREES

Referees available on request.