

Eric Muganga

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PROFESSIONAL SUMMARY

Highly motivated Computer Science graduate with **proven experience (1+ years)** in Java backend development, eager to design, implement, and deliver robust applications. Solid expertise in **Java, Spring Boot, RESTful APIs, and SQL databases (PostgreSQL, MySQL)**. Hands-on experience with **microservices architecture, Cloud solutions (Docker, Kubernetes), and CI/CD pipelines**. Committed to **good programming practices (Clean Code, SOLID principles)** and achieving **high unit test coverage**. Passionate about learning and staying up-to-date with the latest Java advancements, thriving in agile, international team environments.

EDUCATION

Uniwersytet WSB Merito Poznan

Poznan, Wielkopolski

B.S. in Computer Science

Expected Graduation, February 2026

- **GPA:** 4.77/5.00
- **Related Coursework:** Data Structures & Algorithms | Object-Oriented Programming | Computer Networks | Computer Architecture | **Database systems (PostgreSQL, MySQL)** | Operating system | Web Application Development

TECHNICAL SKILLS

Programming: Java, C#, SQL, JavaScript, TypeScript, Groovy

Back-End Frameworks: Spring Boot, Spring Security, JPA, Hibernate

Databases: PostgreSQL, MySQL, MongoDB

DevOps & Cloud Technologies: Docker, Kubernetes, CI/CD Pipelines (GitHub Actions, GitLab CI), AWS

Version Control & Tools: Git, GitHub, GitLab, Bitbucket, Maven, Gradle

Software Development Concepts: REST APIs, Spring Security, JPA, Microservices, Agile and Scrum, **SOLID Principles, Clean Code, Unit Testing**

IDEs & Development Tools: Visual Studio, IntelliJ IDEA, WebStorm, VS Code

Languages: English (C2), Polish(A1)

EXPERIENCE

Nugsoft Technologies

Kampala, Uganda

Front-end developer intern

Jun 2022 – Aug 2022

- Developed **React** user interfaces, leading to a **20% improvement in user engagement**.
- Collaborated with designers and backend engineers to build an interactive dashboard with real-time updates and **optimized API calls, reducing response times by 30%**.

PROJECTS

E-Commerce Platform with Microservices([link](#))

Collaboration Project

In Progress

- **Designed, implemented, and delivered a scalable e-commerce platform** utilizing **Spring Boot microservices**, incorporating JWT authentication and Stripe integration.
- **Engineered robust RESTful APIs** for product, order, and user management, ensuring clear API documentation with Swagger.
- **Leveraged Docker and Kubernetes for containerization and orchestration**, demonstrating hands-on experience with **Cloud solutions** and distributed systems.
- Integrated Kafka for asynchronous communication and Redis for caching, optimizing system performance.
- Actively participated in **Scrum process** and performed regular **code reviews** within the team.

Online Resource Management System ([link](#))

Personal Project

December 2024

- Engineered Built a **Spring Boot MVC web app** with **MySQL, Thymeleaf, and Spring Security**.
- Features include dynamic resource search, **user authentication**, and **secure session management**.
- Optimized Improved development efficiency with **Maven** for dependency management and JUnit for test coverage.

AWARDS & RECOGNITION

Rector's Scholarship

For outstanding academic performance

Mar 2023 – Current

LICENSES & CERTIFICATIONS

- **Spring Boot 3, Spring 6 & Hibernate** – Udemy [Credential URL](#)
- **Version Control with Git** – Coursera [Credential URL:](#)

Issued: January 2025

Issued September 2023

ADDITIONAL INFORMATION

Agile Methodologies: Proficient in Agile tools like Jira and Scrum frameworks for efficient project management.

Soft Skills: Strong analytical thinking, problem-solving skills, and eagerness to learn and share knowledge.

Passion for Technology: Enthusiastic about solving complex technical problems and learning new technologies.

Flexibility: Comfortable with learning and using different programming languages and approaches.

Team Player: Proven ability to work efficiently in multinational remote project teams.

Technical Growth: Committed to maintaining a high level of proficiency in computer science and software engineering.