

Zekarias Semegnew Negese

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PROFILE

I was awarded an MSc degree in Advanced Computer Science with **distinction** from the **Russell Group** member **University of Leeds** on 21 November 2024.

I am passionate about software development and testing with strong proficiency in **Java**, **Python**, and **JavaScript** programming languages. I have strong knowledge of **Spring**, **Django** and **React** frameworks for backend and frontend development. I am also proficient in **HTML5**, **CSS3**, and **MySQL**. I have hands-on experience with Git, Github, and Docker.

My understanding of Software Engineering concepts, such as **OOP**, **design patterns**, **SOLID principles**, and **architectural styles** further enhances my ability to develop flexible and maintainable solutions.

My strong academic background combined with practical knowledge in the above technologies positions me as a strong candidate for the **Java Developer SQL - Mathematics** advertised by your company.

EDUCATION

09/2023 – 10/2024 **Advanced Computer Science, MSc, University of Leeds**
Leeds, **Classification of Award:** Distinction
United Kingdom

09/2009 – 07/2013 **Information Systems, BSc (with Great Distinction),**
Addis Ababa, Ethiopia *Addis Ababa University*
Classification of Award: Great Distinction (3.6/4.0)

WORK EXPERIENCE

01/2021 – 09/2023 **Freelance Software Developer**
Birmingham, • Designed and developed a complete property listing website.
United Kingdom • Developed a web-based transaction aggregator and reporting system for a
 financial company, automating transaction monitoring and reporting to
 improve accuracy and efficiency.

01/2021 – 09/2023 **Freelance Programming Tutor**
Birmingham, • Taught students to develop their skills in Python, Java, JavaScript, HTML,
United Kingdom CSS

01/2015 – 11/2020 **Application Support Engineer (Banking Systems), EthSwitch S.C**
Addis Ababa, Ethiopia • Conducted integration of core banking systems with the central switch
 system using REST APIs, ISO8583 interfacing and Web services ensuring
 interoperability and system productivity.

09/2013 – 01/2015 **Junior ICT Officer, Federal First Instance Court**
Addis Ababa, Ethiopia • Troubleshoot network issues
 • Troubleshoot software and hardware issues

ONLINE COURSES

- Java In-Depth: Become a Complete Java Engineer! [↗](#)
- Spring Boot 3, Spring 6 & Hibernate for Beginners [↗](#)
- Docker & Kubernetes: The Practical Guide [↗](#)
- The Complete Python Course | Learn Python by Doing [↗](#)
- Python Django - The Practical Guide [↗](#)
- Python and Django Full Stack Web Developer Bootcamp [↗](#)
- Modern React with Redux [↗](#)
- Next.js 15 & React - The Complete Guide [↗](#)
- The Complete JavaScript Course 2024: From Zero to Expert! [↗](#)

SKILLS

Programming Technologies

- Proficient: Java, Python, C++, JavaScript
- Familiar With: TypeScript

Frameworks

- Proficient: Spring, Hibernate, Django, Django Rest Framework, React, Bootstrap
- Familiar With: NextJS

Software Engineering

- SOLID Principles, Design Patterns, Component Design, Architectural Styles, Architectural Patterns

Database

- MySQL and PostgreSQL

Version Control

- Git, GitHub

Containerisation & Deployment

- Docker, Github Action for CI/CD

Soft Skill

- Good communication and teamwork skills