

# Kenechukwu Okafor

📍 Coventry, England, United Kingdom

✉ okaforkenechukwu69gk@gmail.com

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## SUMMARY

Experienced Backend Developer with 4 years of expertise in developing and scaling software applications in Java and Springboot. Proven ability to analyze business requirements and develop solutions to improve customer experience. Adept at communicating and collaborating effectively in teams, with exemplary leadership skills.

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## EXPERIENCE

### Backend Developer

Payoneer

November 2021 – July 2023, Munich

- Managed the payment domain of the project by ensuring the projects undertaken meet the business requirements through the implementation of different tools and practices such as; SonarQube, Pair Programming, CI/CD, Github actions, etc., which led to improved code quality and project delivery.
- Designed, implemented and maintain a company's Risk component, which halved the amount of time it took to perform risk calculations.
- Built a system to prevent fraud in the payment space, resulting in a reduction in fraudulent payments. This was implemented by leveraging statistical models based on customer behavior.
- Code reviews and testing of the code/system, which is maintained by the team.

### Backend Java Engineer

Reliance Health

September 2021 – March 2022, Lagos, Nigeria

- Implementing the backend of Africa's leading health insurance system by working with different developers and product managers.
- Restructured the company's lead application from a monolith to a micro service architecture, by leveraging a team of 5 engineers leading to application performance improvement by 20%.
- Introduced and implemented Agile methodologies, including scrum, to a team of 6 backend engineers, resulting in increased productivity and improved communication.

### Software Engineering Consultant

AGBORA INC

January 2021 – January 2022, Delaware USA.

- Designed and developed reusable components that improved average code coverage by 20%.
- Shaped the technical requirements of the product and increased the conversion rate to boost sales.
- For the position of a Software Engineering Consultant, improved the efficiency of the team by introducing code reviews and setting up CI/CD.
- Created the client-side APIs for the web application.
- Ensuring software solutions are tested, extensible, maintainable, and secure, and perform well, by providing feedback on the performance of the system, and making improvements to the design of the system that will ensure the system meets the requirements of the customer.
- Troubleshoot and debugged code, reducing error messages and improving user satisfaction by collaborating with developers to identify issues and providing support.
- Wrote optimized SQL queries for the client to improve performance of data queries.

### Backend Java Engineer

Bene Studio

September 2021 – November 2021, Budapest, Hungary

- Developed a web-based application for a startup company using Java, Spring, Hibernate, and PostgreSQL database to enable the company to manage the products and orders, as part of a team.
- Improved the quality of the code by performing code reviews on multiple pull requests.
- Led a client team to determine the key elements of a web application.
- Troubleshooted and debugged code by using various tools to help find issues, and fixed them.

### Software Engineer

Decagon

November 2019 – January 2021, Lagos, Nigeria

- Collaborated with other engineers to implement technical designs and requirements to meet customer demands and company goals.
- Worked with other software engineers, quality assurance and customers to fix bugs and resolve technical issues resulting in a 40% increase in stability and a 30% increase in performance.
- Improved and worked on existing codebases by refactoring the code, adding logging, and writing unit tests.
- Effectively managed software functionalities by using Java programming language to create and implement programs.
- Delivered technical content, material, and lectures, to 100+ students to reinforce, and evaluate knowledge, using a structured, self-learning approach.
- Reviewed code of students by analyzing the test coverage, code complexity, and code style

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## PROJECTS

### Employee Management System

Decagon Digital Learning • July 2020 – December 2020

- Developed and implemented an employee management system that enabled efficient onboarding, training, and reviewed processes while streamlining operations.
  - Improved code quality by refactoring the code base and implementing a code review process.
  - Created a Technical document of all the projects for the Employee Management System, allowing quicker onboarding by other members of the team. Maintained the document as the project evolved by including additional functionality to the system.
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## EDUCATION

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**Bachelors of Engineering in Mechanical Engineering**

NNAMDI AZIKIWE UNIVERSITY • AWKA, ANAMBRA STATE • 2015

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## SKILLS

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**Java Technical Skills:** Java, Spring, Springboot, Docker, Git, Postgresql, Mongoddb, Grafana, Prometheus, Nomad, Hashicorp Vault, Github Actions, Maven, Restful Apis

**Soft Skills:** Team Work, Communication, Creativity, Adaptability, Time Management, Decision Making