Chigozie Valentine Nwachukwu
Software Engineer

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Personal Summary

As a Java developer, I bring two years of back-end development experience and a further six months in front-end development. Before I transitioned into software engineering, I spent over six years honing my skills in the retail and hospitality sectors. I am advancing my knowledge by pursuing a master's degree in software engineering at the University of Hertfordshire, with an expected graduation date in the summer of 2024. I aim to leverage my passion, skills, and drive to manage innovative projects.

Skills and Qualifications

- Proficient in Java, Kotlin, HTML5, CSS, JavaScript, and SQL.
- Experienced with Spring Boot, React, jQuery, Bootstrap, Hibernate, Thymeleaf, and MongoDB frameworks and libraries.
- Familiar with MySQL, PostgreSQL, SQLite databases and Postman, Swagger, Figma, Canvas, Heroku, GitHub, and Docker tools.
- Knowledgeable in AWS Fundamentals, Azure Fundamentals, API, and database design.
- Skilled in front-end and back-end development, agile methodologies, and delivering high-quality code on schedule.
- Effective in working independently and collaboratively in team environments.
- Solid knowledge of Object-Oriented Programming.
- Ability to work in a multicultural and multidiscipline team.
- Sales and customer service skills acquired while working in retail and hotels.
- An Effective communicator.
- Passionate about learning.
- Take ownership of projects and tasks assigned to me.

Work Experience

PROJECT MANAGER | WILACONSULT LIMITED | Harpenden Hertfordshire

August 2023 to Present

- Assisted in developing comprehensive project plans, including defining project scope, goals, deliverables, and resources. Collaborated with cross-functional teams to ensure all aspects of the project are aligned with the overall business objectives.
- Facilitated effective communication between project teams and stakeholders. Regularly updated stakeholders on project status, risks, and changes, ensuring transparency and fostering strong relationships.

Java Developer | RoadPadi | March 2021 - July 2023

- Developed a web application that enabled users to locate and compare nearby gas stations with product availability and prices, using Java, Spring Boot, and MySQL.
- Designed and implemented a web application that streamlined the operations of the road transport company, such as scheduling, tracking, and reporting, using Java, Hibernate, and Thymeleaf.
- Contributed to developing an infrastructure/platform that allowed travel agents to access and sell tickets for trips of various transport companies on our platform, increasing revenue by 20% and customer satisfaction by 15%, using Java, RESTful APIs, and MYSQL.

Java Developer Intern | ORSUL | October 2020 - March 2021

- Coordinated with a team of developers to create an application that connects artisans to customers who require their services.
- Implemented a feature that generates and validates a one-time password (OTP) for users during the onboarding process, using Twilio API and Java Mail.
- Secured the application and JSON Web Token (JWT) using spring security framework, applying authentication and authorisation mechanisms.
- Designed and developed the application's onboarding feature for artisans and customers, using Spring Boot, Hibernate and Postgres.

Restaurant Supervisor | Grand Valley Hotel - Lagos, Nigeria | November 2017 – August 2019

- Established positive relationships with guests and employees, creating a positive, energetic environment.
- Trained workers in every position, including food preparation, money handling and cleaning roles.
- Guaranteed compliance with food safety procedures and quality control guidelines.
- Maximised profitability by delivering innovative catering services.
- Optimised profits by controlling food, beverage and labour costs daily.
- Delivered high-calibre staff induction and training.
- Increased customer satisfaction by 25% through implementing a loyalty program and feedback system.
- Reduced food waste by 15% through implementing portion control and inventory management.

Room Service & Restaurant Cashier | Bin Majid Hotel | August 2015 - September 2017

- Smoothly processed incoming orders, handling over 100 daily transactions with exceptional accuracy.
- Helped customers with specific item requests by answering questions and offering knowledgeable product advice.
- Worked closely with front-of-house staff to facilitate positive customer experiences.
- Executed cash and credit transactions by ensuring that transaction totals matched recorded receipt totals.
- Maintained a courteous attitude, ensuring customers enjoyed a positive experience.
- Awarded the Employee of the Month for October 2016.
- Perform other duties as may be assigned by your supervisor from time to time.

Education And Training

MSc Software Engineering | University of Hertfordshire | September 2023 – September 2024

- Intending Dissertation topic: Developing low-cost AI-powered educational tools for third-world countries.
- Extensively studied various laws on data protection, the Equality Act, and legal and ethical issues in Software Engineering.
- Participated in a group research project with four other members, investigating the question "Is there a difference in mean IQ between Europe and other continents?" using a dataset provided by the module team. Data analysis and visualization were conducted using R.
- Gained exposure to metrics and models in software engineering, learning about the metrics used for software performance evaluation and understanding different software process models and their appropriate applications.

Semicolon Africa Techpreneurship Program | January 2020 - September 2020

- Completed courses in Design Thinking, Critical Thinking, Introduction to Industrial Design, Java Programming, HTML and CSS, JavaScript, Database Management with MYSQL and Microsoft SQL, React.

IIHT | September 2019 - December 2019

- Completed course in Introduction to Cloud Computing with Microsoft Azure.

BSc Computer Science (2.1) | Anambra State University | September 2007 - February 2012
- Project undertaken: Design and implementation of a birth registration system.
- Studied Automata theory, Operations Research, System Analysis and Design, Discrete Mathematics, Numerical Method, Database Design and Management, Statistics for Physics and Engineering 1 and 11, Computer Architecture, and Real Analysis Among other modules.