

# Buchi SALAKO

*Full Stack Software Developer*

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## SUMMARY STATEMENT

Curiosity, dedication and resilience are three words that accurately define me. I am a **Full Stack Developer** with over 10 years of hands-on experience designing, developing, and delivering complex enterprise solutions across multiple domains. Expert in **Java, PHP, JavaScript, and RESTful API architecture**, with strong skills in cloud technologies, CI/CD automation, and modern frontend frameworks. Proficient at translating business requirements into robust, scalable systems that meet high performance, security, and usability standards. Passionate about mentoring teams, optimizing legacy systems, and applying innovative engineering practices to drive business value.

## SKILLS

**Programming Languages:** Java, Javascript, PHP, Python

**Frameworks:** SpringBoot, React, Hibernate, JPA, Maven, Yii2, Laravel, JQuery, Vue, Flask

**Web Services & APIs:** REST, GraphQL

**Artificial Intelligence:** Machine Learning, Deep learning, TensorFlow, PyTorch, OpenCV

**DevOps & CI/CD Tools:** Azure DevOps, Jenkins, GitHub Actions

**Testing & Quality Assurance:** TDD, Unit Testing, Postman

**Software Development Methodologies:** Agile, Scrum, Kanban

**Cloud Platforms:** AWS, Azure, Docker

## WORK EXPERIENCE

**Senior Software Developer, Modulus Management Consultancy Ltd, Sale, Manchester –**  
November/2023 – Present

- Worked closely with product owners to design and build various large-scale projects in the automotive industry, which involved complex software architectures designed to take into consideration the specific needs of various vehicle brands. Designed solutions with built-in adaptability to support 14 languages that span different time zones and currencies in to support global deployment and localization requirements.
- Designing and implementing RESTful APIs with Java that support scalable, secure, and high-performance architectures (OAuth2/JWT).
- Designed backend architectures with well-blended frontend functionality, ensuring robust security, high performance, and scalability while delivering a user-friendly interface and seamless user experience
- Refactored legacy codebases by optimizing existing algorithms and code logic, which increased performance by 30% and improved maintainability of the project.
- Designed and implemented **asynchronous job queues using RabbitMQ and Spring Boot** to handle email dispatching and report generation, improving system responsiveness by 40%.
- GitHub-driven Collaboration & CI/CD Automation for Scalable, High-Quality Releases, leading to increased team productivity and client satisfaction.

- Stack used Java, JavaScript, Spring Boot, React, Typescript and Bootstrap

**Principal Web Developer, Advancement Centre, University of Ibadan – October/2019 – August/2022** - Ibadan, Oyo State

- Led a team of developers to build a robust web application to help manage the University's Alumni community and afford our Alumni the opportunity to connect and build a solid relationship with each other. The Alumni web application was developed by breaking down development into phases using agile methodology.
- I worked with my colleagues in my Department to conduct comprehensive planning, analysis, design and development of the CRM software for our unit. The CRM had features that helped track and manage donors' relationships with the University
- Spearheaded automation of unit and integration testing, achieving a 30% reduction in post-release defects and enhancing overall development efficiency.
- Conducting code reviews, fixing bugs, checking design logic to ensure optimal operating speed and assessing the software for KPI.
- Stack used Java, JavaScript, React, Spring Boot, Typescript, Bootstrap, SCSS and MySQL.

**Senior Web Developer, Advancement Centre, University of Ibadan - October/2015 – October/2019** - Ibadan, Oyo State

- Designed RESTful API with authentication token that served data to be used by other Departments in the University, (Java and Spring).
- Extended the application to enable it to send bulk emails for the Department's Newsletters and birthday greetings to our Alumni and benefactors. Received a commendation from the Vice-Chancellor for taking such initiative. ( Php, CSS, HTML)
- Built a web platform for Alumni fundraising and integrated it with a payment gateway API. It increased Alumni donations for the University fundraising tagged UI @ 70.
- Designing and maintenance of the Department's website, using Php, JavaScript, CSS, HTML and Bootstrap framework.
- Deploying on the web server.
- I was responsible for training and supervising students on internship.

**Database Scientist, Advancement Centre, University of Ibadan - March/2012 – October 2016** - Ibadan, Oyo State

- Designed, implemented and managed the Department's database using MySQL
- I worked on some of the features of the existing Alumni software to enable it to accept more vital information that was not factored into the existing software.
- Cleaning, Sorting and Analyzing Data and using them to make predictions and recommendations for profiling our Alumni and benefactors.

**ICT Instructor, New Horizons Computer Learning Center - Sept/2011 - March/2012** - Ibadan, Oyo State

- Training of Students in ICT courses which include: Java, PHP, Oracle SQL, Microsoft packages, Graphics design etc.
- Supervising students' mini projects, which they designed at the end of the course, to help expose them to real-world scenarios
- Preparing our trained Students for International Certifications, we recorded a 100% success rate for all students I prepared for Exam Certifications.

## **SIDE PROJECTS**

### **Using Deep learning to develop a smart camera system:**

Trained Faster R-CCN and SSD models to recognize the presence of a person in an image and then used the models for object detection in a camera feed using OpenCV library, I integrated Gmail API to send an email notification to an assigned email once it detects an intruder.

**Tools:** Python, NumPy, OpenCV, and TensorFlow API

### **Audio-Data-Classification with deep learning:**

Classified sounds from the popular dataset called UrbanSound8k, which contains 8732 labelled common sounds found in an urban environment. I used a 1-Dimension CNN and Random Forest models to train the dataset. CNN had an accuracy of 0.90 and Random Forest had an accuracy of 0.92

**Tools:** Python, NumPy and Scikit-learn

## **EDUCATION AND CERTIFICATES**

2023 **M.Sc. Artificial Intelligence (Machine Learning)** Liverpool John Moores University, United Kingdom

2015 **M.Sc. in Computer Science**, University of Ibadan, Nigeria

2006 **B.Sc. in Mathematical/ Computer Science** University of Agriculture, Abeokuta, Ogun State Nigeria.

**Oracle Certified Associate - Oracle - 2011**

**Oracle Database SQL Expert - Oracle - 2010**

**Cisco Certified Network Associate - Cisco - 2010**