

# Patrick Olumba

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*Highly motivated individual with experience in developing and implementing software solutions. Proven expertise in developing, testing and debugging high performing software solutions with a keen eye for detail. Skilled in object-oriented programming, web development and database technologies. Excellent problem-solving and communication skills and demonstrates a passion for learning and implementing new technologies.*

## SKILLS

- Java
- Python
- JavaScript
- Flask
- NextJS
- NestJS
- Flask
- MongoDB
- MySQL DB
- Postgres DB
- Firebase DB
- HTML 5
- CSS 3
- Tailwind CSS
- Redux
- ML

## EXPERIENCE

### Android Developer

CTOMatrix, Cleveland, OH

Aug 2019 - Sep 2023

- Debugged application code to identify and correct errors in the system.
- Developed UI designs according to Material Design guidelines.
- Collaborated with other developers to ensure efficient development of software modules.
- Utilized responsive design principles for developing cross-platform apps compatible with all screen sizes and orientations.
- Explored latest trends in Android app development and kept up with industry standards.

**Web Developer***CTOMatrix, Cleveland, OH**Apr 2021 - Sep 2023*

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- Developed and maintained web applications using HTML, CSS, JavaScript, and jQuery.
- Developed custom websites to meet individual client needs.
- Created clean, well-documented custom code and updates.
- Leveraged mastery of HTML, CSS, and JavaScript to build top-quality code for diverse projects.
- Utilized APIs to provide data to web applications.
- Used scripts and automated processes to improve website performance.

**Android Developer***Biomass Technologies, Khulna, Bangladesh**Jul 2022 - Oct 2022*

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- Analyzed customer feedback from Google Play Store and other sources in order to identify areas where improvements could be made.
- Researched emerging technologies related to mobile development in order to stay current with industry trends.
- Provided support for live applications including bug fixes, feature additions.
- Proficiently used version control systems such as Git to manage source code repositories.
- Designed and implemented Android applications using Java, XML, and the Android SDK.
- Collaborated closely with back-end developers to integrate APIs into mobile application front-ends.

**Java Instructor***PTech Computers**May 2020 - Mar 2022*

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- Participated in professional development workshops to stay up-to-date on current trends in software engineering.
- Utilized different methods of instruction, such as hands-on activities and visual aids, to keep students engaged.
- Conducted lectures on various topics of Java language, including advanced topics such as JDBC and Servlets.
- Ensured a safe learning environment by monitoring student behavior and intervening when necessary.
- Mentored new instructors on best practices for teaching Java classes, ensuring effective delivery of course material.
- Developed and maintained Java applications using object-oriented programming techniques.

**Android Engineer***PTech Computers**Mar 2020 - Aug 2021*

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- Optimized memory usage to reduce battery consumption of mobile devices running on the Android operating system.
- Developed Android applications using Java, Kotlin and XML to meet customer requirements.
- Built reusable components for future use in other projects while maintaining high coding standards.
- Deployed applications on Google Play Store by creating release builds and managing version control systems like Git or SVN.
- Integrated third-party APIs into existing mobile applications.

Computer Instructor  
*Data-Tech Computers*

*Feb 2015 - Jun 2018*

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- Trained students on Microsoft courses.
- Lead the designing team that won a state award for designers organized by DELC TECH in 2016
- Trained students on introduction to Java.

## EDUCATION

**Diploma** Software Engineering  
*ALX, Africa*

*June 2024*

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**Diploma** Python Developer  
*Codecademy*

*August 2019*

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**Diploma** Java Developer  
*Codecademy*

*March 2018*

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**Diploma** Computer Engineering & Maintenance  
*Data-Tech*

*November 2015*

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## CERTIFICATIONS

- Computer Engineering (DATA-TECH)
- Software Engineering (ALX)
- Certified Anti-Financial Crime Professional (CFCP)
- Certified Audit and Investigation Professional (CAIP)