

# Pascal Oduor

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## Summary

I am a dedicated software developer passionate about crafting products that resonate with users. My focus lies not just in writing code, but in creating solutions that genuinely make customers happy. With a strong emphasis on teamwork, consistency, flexibility, and code quality, I strive to deliver software that meets both user needs and industry standards.

## Skills

- **Programming Languages:** • Python • JavaScript (Node.js) • HTML/CSS • SQL
- **Frameworks:** • Django • Flask • React
- **DBMS & Cloud Services:** • MySQL • PostgreSQL • MangoBD • AWS (S3 and EC2) • Google cloud storage
- **Tools & Technologies:** • Docker • RESTful APIs • Shell Scripting • Linux • Basics of Cybersecurity • IDEs • Data Structures and Algorithms (DSA) • Git/GitHub • Trello • Render • Remote sensing

## Experience

### Alx\_africa | Software Engineer Intern 11/2022 - 01/2024

- Proficient in Python, Flask and JavaScript programming languages, with expertise in database management utilizing SQL, MySQL, and MongoDB.
- Developed and deployed a user authentication system for a web application.
- Optimized database queries for a product recommendation engine, resulting in a 15% improvement in response time.
- Designed and implemented a REST API for data integration with a third-party service.
- Collaborated effectively with frontend developers to ensure seamless integration.

### Azur agency | Software Engineer volunteer 01/2024 - Present

- Enhanced website functionality: Suggested and implemented new features that addressed volunteer
- Optimized software architecture: Collaborated with volunteers to identify and improve the software architecture, ensuring better scalability and maintainability.
- Leveraged collaborative tools: Effectively utilized Miro for brainstorming and Github for version control and code collaboration.
- Volunteer-centric approach: Prioritized volunteer needs and ensured solutions aligned with company goals, fostering a positive and productive work environment..

## Education

### Alx\_africa, Computer Software 2022 - 2023

Major: Full Stack Software Engineering | Minor: Backend Engineering

### Coursera, IT 2024 - 2024

Major: Cybersecurity

### University of Nairobi, Bachelor 2021 – 2025

Major: Astrophysics and Space Science

## Projects

### Human-detection 2023 – Present.

- Developed human detection website using Flask and OpenCV

### PercyFlix(Netflix Clone) 2023 – Present

- Developed Netflix clone website that allows users to stream all movies and TV shows they want free of charge.

### AirBnB clone 2023 – 2023

- Collaborate with other fellow students to develop this website to allow users to book an apartment of their choice.