

# Magnus Edu

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## SUMMARY

Entry-level Software Engineer with a B.Sc. in Computer Science and strong foundational skills in Backend Development, Database Management, and Software Engineering. Proficient in Python, Django, SQL, and RESTful API Development. Knowledgeable in the software development life cycle (SDLC), modular programming, and system design. Currently enhancing backend skills through a hands-on, project-based program at ALX Africa.

## EDUCATION

### University of Calabar

Calabar, Cross River State, Nigeria

*B.Sc. Computer Science*

## CERTIFICATIONS

### Alx Africa

Remote

*Backend Deevlopment Nanodegree*

*Specialization in Python, Django, Databases, REST APIs, and Cloud Deployment.*

### Alx Africa

Remote

*Professional Foundations*

*Training in Leadership, Communication, Critical thinking and Agile Project Managment.*

## WORK EXPERIENCE

### Alx Africa

Remote

#### *Backend Development Internship*

*May 2025 - Present*

- Developing server-side applications using Python and the Django framework.
- Building RESTful APIs for dynamic web applications using Django REST Framework.
- Managing relational (MySQL) and NoSQL (MongoDB) databases.
- Gaining hands-on experience with version control (Git, GitHub) and collaborative software development.
- Building and deploying a Django API.
- Applying Object-Oriented Programming (OOP) principles, modular programming, and exception handling.
- Participiting in peer coding sessions, code reviews, and live technical walkthroughs.
- Practicing Agile workflows including weekly sprint tasks and capstone project planning.
- Strengthened problem-solving and technical communication through regular team challenges.

### Arvys Technologies

Calabar, Cross River State, Nigeria

#### *SIWES Frontend Web Development Internship*

*Sep 2022 - Feb 2023*

- Expertise in CSS for styling web interfaces and designing responsive layouts.
- Knowledge of responsive design principles to ensure optimal performance across different devices and screen sizes.
- Experience in troubleshooting and debugging frontend issues for cleaner and more efficient code.
- Exposure to collaborative development processes in a real-world environment.
- Understanding of user experience (UX) design to enhance the usability and visual appeal of web applications.
- Utilized HTML coding skills to create visually appealing and user-friendly web pages, resulting in a 40% increase in website traffic.

## LEADERSHIP EXPERIENCE

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**Alx Africa**

**Remote**

### *Welcome Squad*

*Jun 2025 - Jun 2025*

- Helped learners feel seen and supported from day one
- Answered Discord and Intranet-related questions with patience and clarity
- Encouraged participation in onboarding events
- Shared personal experiences to inspire and uplift
- Acted as a dependable and friendly point of contact

### *Catch-up Squad*

*Jul 2025 - Jul 2025*

- Posted helpful content in the Catch Up Forum to support key project areas
- Answered technical and learning-related questions in Discord
- Created a safe space for learners to catch up without judgment
- Demonstrated leadership through knowledge-sharing and encouragement
- Embodied what it means to grow by lifting others

## SKILLS & INTERESTS

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**Skills:**• **Languages:** Python, HTML, CSS, Bash

- **Frameworks:** Django, Django REST Framework
- **Databases:** MySQL, MongoDB
- **Version Control:** Git, GitHub
- **Tools:** VS Code, Linux Shell (WSL2/Ubuntu)
- **Concepts:** RESTful APIs, Authentication, MVC, CRUD, OOP, Exception Handling, Modular Programming.

**Soft**

**Skills**

- Critical Thinking
- Team Collaboration & Leadership
- Communication for Impact
- Time & Task Management
- Wireframing & Prototyping
- Grit & Adaptability
- Managing Complex Tasks