

## FAVOUR MFON

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Date of Birth: 18th March 2004 • Gender: Male

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## OBJECTIVE

Motivated and detail-oriented Computer Science graduate, eager to apply strong problem-solving skills and a passion for digital innovation. Seeking an entry-level position to contribute to cutting-edge technology projects and drive impactful solutions in a dynamic environment.

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## EDUCATION

**University of Uyo** — B.Sc. Computer Science

Expected Graduation: August, 2025

Current Class of Degree: Second Class Upper

Relevant Courses: Software Engineering, Data Structures and Algorithms, Database

Management Systems, Computer Networks, Information Security

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## TECHNICAL SKILLS

- **Programming Languages:** TypeScript
  - **Frameworks/Technologies:** NestJS, Node.js, Express.js
  - **Databases:** PostgreSQL, MongoDB, MySQL, Prisma
  - **Tools:** Git, Postman, Docker, VS Code, AWS
  - **Other:** Problem Solving, Team Collaboration, Technical Writing, Adaptability
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## WORK EXPERIENCE

Software Engineering I.T Student

*Start Innovation Hub, Uyo — March 2024 – July 2024*

- Collaborated with a team of developers to build and deploy a management system that streamlined internal operations and improved productivity.
- Assisted in backend development using NestJS and PostgreSQL, enhancing database structure and API efficiency.

## **PROJECT EXPERIENCE**

### **User Management & Authentication API**

*NestJS, MongoDB, JWT, Cloudinary*

- Developed a secure backend API with JWT-based authentication and role-based access control.
- Integrated Cloudinary for scalable image and file uploads.
- Applied modular NestJS architecture with services, controllers, DTOs, and guards following industry best practices.

### **E-Commerce Backend System (Products, Categories & Cart Modules)**

*NestJS, MongoDB, PostgreSQL*

- Designed relational and document-based schemas for products, categories, carts, and users.
- Implemented cart logic including item persistence, quantity updates, and user-session handling.
- Followed clean architecture principles with separation of concerns and reusable services.

### **Task Management System**

*NestJS, PostgreSQL , Docker, AWS EC2*

- Developed a full-stack task management application with a secure backend architecture and relational database.
- Containerized the application using Docker, ensuring environment consistency between development and production.
- Successfully deployed and managed the service on an AWS EC2 instance, configuring Security Groups and VPC Networking for secure access.
- Implemented automated database management using PostgreSQL hosted on AWS RDS.

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## **INTERESTS**

Financial Technology, Blockchain Innovation, Teaching Mathematics, Volunteering, Reading Articles in the Morning

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