

# DICKSON, FREDRICK UDOM

## NestJs Backend Developer

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### SUMMARY

As an accomplished and driven engineer with two years of experience in software development, I have demonstrated expertise throughout the entire Software Development Life Cycle and successfully deployed large-scale, intricate software applications. I am adept in programming languages including TypeScript and JavaScript, and experienced in leveraging frameworks such as ExpressJs and NestJs. My proficiency extends to infrastructure tools including Docker, Git, MySQL, and MongoDB. I have a proven ability to serve as both a team leader and contributor, fostering efficient progress within the work environment. I am adaptable and quick to assimilate into new work cultures, contributing effectively to collaborative and dynamic team settings. My skills include optimizing web applications for performance and scalability, writing clean code to develop functional web applications, building reusable code and libraries for future use, and collaborating with developers, designers, and system administrators to identify new features and integrate user-facing elements with server-side logic.

### SKILLS

Javascript, Nodejs, Typescript, Nestjs, Docker, Cloud Function and Shell Navigation.

AWS EC2 Instance, Lambda and AWS S3 Bucket, Cloudinary and GitHub CI/Cd.

### SOFTWARES

MongoDB, SQLite, MySql, DynamoDB, Docker, Redis, GitHub, Postman and Swagger.

### LANGUAGES

English and Efik

### HOBBIES

Coding, Playing Chess-Game and Online Researches

## EXPERIENCE

### **NestJs Backend Instructor – October 2023 – Till Date**

#### **Start Innovation Hub. – Uyo, Akwa-Ibom.**

- Mentor newbies on TypeScript, NodeJs and from the scratch.
- Mentor newbies on how to build REST APIs with NestJs Server-side application using best practices.
- Mentor newbies on Github and Shell-Navigation.

### **Backend Developer – May 2024 – May 2024**

#### **Agric Pro Hackathon. – Remote Lagos.**

- Responsible for setting up the backend project codebase in Nestjs following the Modular architecture design pattern.
- Incorporated an authentication system by implementing OAuth2 for enhanced security and user authorization.
- Implemented both a code-first and database first approach to create and update various tables in the database.
- Implementing an endpoint to read the ML (machine learning) api Key.

### **Backend Developer (Contributor) – April 2024 – May 2024**

#### **Tranexx – Remote Uyo, Akwa-Ibom State.**

- Incorporated an authentication system by implementing OAuth2 for enhanced security and user authorization.

- Implementing Email template feature to enhance and improve flexibility, consistency and efficiency in the product.

## EDUCATION

### **Akwa-Ibom State Polytechnic - National Diploma**

Ikot-Ekpene, Akwa-Ibom State.

COMPUTER SCIENCE.

November 2018 - March 2021.

### **Start Innovation Hub - Certificate of Completion**

Uyo, Akwa-Ibom State.

WEB DEVELOPMENT.

March 2021 - April 2022.

### **Government Technical College (GTC) - Senior Secondary School Certificate (SSCE)**

Port Harcourt, Rivers State.

SECONDARY SCHOOL

July 2007 - August 2013.