

Dickson Fredrick Udom

NestJs Backend Developer

 Uyo, Akwa-Ibom, Nigeria

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Professional Summary

Results-driven Backend Developer with 2+ years of experience in designing, developing, and deploying scalable web applications. Proficient in **TypeScript**, **JavaScript**, **NestJs**, and **ExpressJs**, with hands-on expertise in **Docker**, **Git**, **MySQL**, and **MongoDB**. Adept at leading teams and collaborating with cross-functional teams to deliver high-quality software solutions. Skilled in optimizing applications for performance, writing clean and reusable code, and integrating third-party APIs. Passionate about mentoring and sharing knowledge with aspiring developers.

Technical Skills

- **Programming Languages:** JavaScript, TypeScript
 - **Frameworks & Libraries:** NestJs, ExpressJs
 - **Databases:** MongoDB, MySQL, SQLite
 - **DevOps & Tools:** Docker, GitHub CI/CD, AWS EC2, AWS S3, Cloudinary
 - **APIs & Testing:** RESTful APIs, Postman, Swagger
 - **Version Control:** Git, GitHub
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Professional Experience

NestJs Backend Instructor

Start Innovation Hub, Uyo, Akwa-Ibom

October 2023 – Present

- Mentored beginners in **TypeScript**, **NodeJs**, and **NestJs**, guiding them through the development of RESTful APIs using best practices.

- Conducted hands-on training sessions on **GitHub** and **Shell Navigation** to improve workflow efficiency.
- Empowered students to build scalable server-side applications, fostering a strong foundation in backend development.

Backend Developer

Agric Pro Hackathon (Remote)

May 2024 – May 2024

- Designed and implemented a modular **NestJs** backend architecture for a hackathon project.
- Integrated **OAuth2** for secure user authentication and authorization.
- Utilized both **code-first** and **database-first** approaches to design and manage database schemas.
- Developed an endpoint to securely retrieve and manage API keys for machine learning integration.

Backend Developer (Code Contributor)

Tranexx (Remote)

April 2024 – May 2024

- Implemented **OAuth2** for secure user authentication and authorization.
- Designed and integrated an **email templating system** to enhance communication consistency and efficiency.
- Collaborated with the team to deliver a scalable and maintainable backend solution.

Education

- **National Diploma in Computer Science**
Akwa-Ibom State Polytechnic, Ikot-Ekpene
November 2018 – March 2021
- **Certificate in Web Development**
Start Innovation Hub, Uyo, Akwa-Ibom
March 2021 – April 2022
- **Senior Secondary School Certificate (SSCE)**
Government Technical College, Port Harcourt
July 2007 – August 2013

Certifications

- **OND In Computer Science** – Akwa Ibom State Polytechnic (2021)
 - **Web Development** – Start Innovation Hub (2022)
 - **IT Security-Defense against the digital dark arts** – Google (2023)
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Languages

- English (Fluent)
 - Efik (Native)
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Hobbies

- Coding
 - Playing Chess
 - Online Research
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Key Achievements

- Successfully mentored 80+ beginners in **NestJs** and **NodeJs**, enabling them to build RESTful APIs and deploy applications.
- Delivered scalable backend solutions for hackathon projects, incorporating **OAuth2** and **machine learning integrations**.
- Improved team productivity by introducing best practices in **GitHub workflows** and **Shell Navigation**.