

# AIGBERUA NICHOLAS

## SOFTWARE ENGINEER

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### SUMMARY

A Software Engineer with a focus on building scalable, secure systems. Solving complex backend challenges using modern tools like Node.js, Python and Docker. Proven ability to lead API development, integrate third-party services, and optimize database performance. Strong collaborator across agile teams, with hands-on experience in network security, cloud infrastructure, and CI/CD pipelines.

### TECHNICAL SKILLS

Node-js and Express-js	Docker	MongoDB
Python	Api Testing(postman)	MySQL
Rest-Api Development	Version Control(git)	PostgreSQL
Agile Methodologies	NGINX	Prisma and Redis
CI/CD Pipelines	Github Actions	

### PERSONAL EXPERIENCE

- Built and maintained REST APIs in Node.js with TypeScript, where I had to integrate third-party services while also making sure the endpoints were stable enough for both client apps and internal teams
- I've also used GitHub Actions that handled testing, linting, and deployments. At one point, I automated a staging workflow that saved our team hours of manual redeloys
- Experience with systems that used PostgreSQL and MongoDB for event logs, switching between ORMs like Prisma, TypeORM, and Mongoose depending on the project
- Managed Jest for unit and integration testing, even wiring it into the CI/CD pipeline so every commit was validated before merging

### PROFESSIONAL EXPERIENCE

#### Software Engineer, Workbrook

Apr 2025 - May 2025

- Participated in CodeBase reviews and assessed application structure to enhance overall efficiency.
- Provided feedback to improve both application functionality and workflow.

#### Network Security Intern, Tiger-Logic Africa

Mar 2024 - Sep 2024

- Handled testing and setup of firewalls to meet security standards.
- Used technical skills to help reduce system errors.
- Tested firewalls to make sure they were safe and Compliant

#### Backend Developer, Timest Web

Aug 2024- Sep 2024

- Developed and secured API endpoints using NestJS, ensuring they met industry and security standards.
- Identified and fixed backend issues, reducing system errors and improving overall performance.
- Conducted thorough testing to ensure APIs were reliable, safe, and compliant with best practices.

**Backend Developer, Wish to Wear****Jan 2024 - Jul 2024**

- Designed and developed RESTful APIs to facilitate efficient client-server communication.
- Validated user inputs against the database using Express Validator to ensure data integrity and security.
- Led the API documentation process with Swagger, providing clear and comprehensive documentation for developers.
- Conducted thorough API testing using Postman to ensure functionality, reliability, and performance.

**Full Stack Developer, Edge Tech****Jul 2023 - Jan 2024**

- Designed client-side and server-side architecture and implemented cloud-based back end solutions.
- Integrated third-party APIs from external applications into web platforms.
- Created a RESTful API for a simple application or service. Focus on proper routing, authentication, and documentation with swagger.
- Worked on optimizing database queries, indexing, and overall database performance.

**ADDITIONAL INFORMATION**

- **Languages:** English.
- **Certifications:** Network+ Cybrary, CCNA 200-301 Network Fundamentals Simplilearn.