

Julian Amoah

Backend Developer

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🔗 Personal Website 📍 Accra, Ghana

SKILLS

Development Tools

- Postman
- Swagger
- Git with Github
- Figma

Transferable Skills

- Analytical Thinking
- Project Management
- Teamwork
- Leadership Skills
- Adaptability
- Good Communication Skills

Programming Languages & Frameworks

- Typescript
- Nodejs/Express
- C#
- .NET Core
- Python
- PostgreSQL, MySQL, GraphQL

PROFESSIONAL EXPERIENCE

Backend Developer (Freelance/Contract)

Plendify

2025

Remote/Accra, Ghana

• Plendify Marketplace

- **Architected** and developed the complete backend system for plendify.com 🔗 using **Node.js** and **TypeScript** with **PostgreSQL** as the database.
- **Deployed** and managed production, staging, and testing environments using AWS EC2, ensuring high availability and reliability.
- **Implemented load balancers** for traffic distribution and instance failover, optimizing system performance and scalability.
- **Utilized AWS CloudFront** for content delivery and caching, improving application responsiveness and reducing latency.
- **Configured AWS Route 53** for DNS management, ensuring reliable domain name resolution and traffic routing.
- **Led** backend infrastructure planning and **DevOps** setup to support secure and maintainable software delivery pipelines.

Backend Developer

Enyata

2023 – 2025

Accra, Ghana

• HRMS Platform Development

- **Designed** and implemented a Human Resource Management System (HRMS) platform, enhancing user experience and system reliability.

- **Utilized** JavaScript, TypeScript, and Node.js to develop robust backend solutions for the HRMS platform.
- **Results** achieved a 30% improvement in employee data accuracy and a 25% reduction in HR processing time, significantly enhancing overall organizational efficiency.
- **Purple Vest Application:**
 - **Developed** the Purple Vest application to facilitate efficient savings and loans management, resulting in streamlined operations for users, agents, and admins.
 - **Utilized** Javascript, TypeScript, and Nodejs to build robust backend systems for the application.
 - **Results** enhanced user engagement by introducing additional thrift savings options, thereby improving user interaction and satisfaction with two distinct savings options; Target and Thrift.
 - **Observed** increased user engagement with the application, particularly with the Thrift savings feature, leading to improved user satisfaction and utilization of new savings options.
- **Merifot/FluxTribe Application:**
 - **Developed** the Merifot/FluxTribe application to enable community goal creation and tracking, integrating a payout system using VFD.
 - **Utilized** TypeScript, JavaScript, and Node.js to implement application features.
 - **Results** increased user collaboration and goal achievement through effective tracking and incentive mechanisms.
- **Hackathon Application:**
 - **Developed** an application that facilitated user sign-ups for hackathon sessions, enhancing user experience and event participation.
 - **Utilized** TypeScript and Node.js to build robust backend systems for the application.
 - **Results** streamlined participant registration, improving the management and organization of hackathon events.

EDUCATION

BSc. Computer Science

Kwame Nkrumah University of Science and Technology, Kumasi

- Developed a flight booking system with Flutter.

2016 – 2020

Kumasi, Ghana

WASSCE (General Science)

St. James Seminary and Senior High School

2013 – 2016

Sunyani, Ghana

REFERENCES

Mr. Nicholas Aboyer, *Regional I.T Manager*, Ghana Health Service, Upper West Region

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Dr. Alexis Nang-Deifubah, *Retired Regional Director of GHS, Medical Consultant*,

Ghana Health Service, Greater Accra Region

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