Julian A. Amoah

Backend Software Engineer

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Ⓢ envern.julian@gmail.com 🔗 portfolio 📍 Accra, Ghana

🧠 SKILLS

Programming Languages & Frameworks
- C#
- .NET Core
- Nodejs/Express
- Javascript & Typescript
- PostgreSQL, MySQL, GraphQL
- PHP/Laravel
- Html 5 & CSS

Development Tools
- Postman
- Swagger
- Git & Github
- Figma (UI/UX Design)

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

💼 PROFESSIONAL EXPERIENCE

Backend Developer (Freelance/Contract) 2025
Plendify 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 Engineer 2023 – 2025
Enyata Accra, Ghana

- **HRMS Platform Development**
  - **Project**: Designed and implemented a Human Resource Management System (HRMS) platform.
  - **Technologies**: JavaScript, TypeScript, Node.js.
  - **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**:
  - **Project**: Developed the Purple Vest application to facilitate efficient savings and loans management via user, agents and admin dashboards.
  - **Technologies**: Javascript, TypeScript, Nodejs.
  - **Results**: Enhanced user engagement by introducing additional thrift savings options, thereby improving user interaction and satisfaction with two distinct savings options; Target and Thrift.
  - **Impact**: This high adoption rate indicates that users are not only engaging with the application but are also actively utilizing the new savings features specifically the Thrift savings feature, thereby enhancing their overall experience and satisfaction with the platform.
- **Merifot/FluxTribe Application**:
  - **Project**: Created the Merifot/FluxTribe application to enable community goal creation and tracking with an integrated payout system using VFD.
  - **Technologies**: TypeScript, JavaScript, Node.js.
  - **Results**: Increased user collaboration and goal achievement through effective tracking and incentive mechanisms.
- **Hackathon Application**:
  - **Project**: Developed an application to facilitate user sign-ups for hackathon sessions hosted by the company.
  - **Technologies**: TypeScript, Nodejs.
  - **Results**: Streamlined participant registration, improving the management and organization of hackathon events.

I.T Officer/Database Administrator

2021 – 2022

Golden Star Wassa

Western Region, Ghana

- Developed an Idea Generation system for the Business Information department using PHP, which streamlined the brainstorming process and increased idea submission by team members.
- Created an automated backup system with python scripts as a mini project for work laptops and desktops in the mine using manual testing techniques, ensuring data security and reducing data loss incidents.
- Configured various types of Cisco and HP switches, enhancing network performance and reliability by ensuring optimal settings and integration with existing systems.

🎓 EDUCATION

BSc. Computer Science

2016 – 2020

Kwame Nkrumah University of Science and Technology, Kumasi

Kumasi, Ghana

- Developed a flight booking system with Flutter.

WASSCE (General Science)

2013 – 2016

St. James Seminary and Senior High School

Sunyani, Ghana

⚗ REFERENCES

Mr. Nicholas Aboyer, *Regional I.T Manager,* Ghana Health Service, Upper West Region
nick.aboyer@ghsmail.org, +233 243 244 597

Dr. Alexis Nang-Deifubah, *Retired Regional Director of GHS, Medical Consultant,*
Ghana Health Service, Greater Accra Region
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