Abdul-Gafur Saeed

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SUMMARY

Full-Stack Developer and DevOps Engineer with 5+ years of professional experience designing, deploying, and maintaining scalable, data-driven web platforms and enterprise systems across Africa. AWS Certified Developer Associate, Cloud Practitioner, and Microsoft Certified Azure Developer Associate. Specialist in interactive dashboard development, system integration, UX/UI design, technical documentation, and evidence-based reporting. Proven ability to debug and modernise legacy systems, eliminate data silos, pilot automation and AI use cases, and institutionalise digital capacity through SOPs and capacity-building workshops.

EDUCATIONAL BACKGROUND

University for Business and Integrated Development Studies – Wa, Ghana **December 2021 – November 2025**
BSc. Computer Science
Relevant Coursework: Software Engineering; Web Application Development; Database Systems and Design; Information Security and Authentication; Algorithms and Data Structures; Systems Analysis and Design; Computer Networks.

PROFESSIONAL WORK EXPERIENCE

DevOps Engineer **July 2025 - Present**
CloudFruition – London, UK

- Architected and maintained CI/CD pipelines using GitHub Actions and Jenkins across a 12-engineer distributed team, reducing deployment time by 40% and accelerating software delivery across 6+ production environments.
- Debugged and improved existing infrastructure codebases, enforcing data consistency standards and eliminating configuration drift across staging and production environments.
- Automated infrastructure provisioning with Terraform and AWS CloudFormation, cutting manual configuration overhead by 60% and establishing reproducible, version-controlled environment builds that eliminate future technical debt.
- Deployed AWS CloudWatch, Prometheus, and Grafana monitoring dashboards for real-time system observability, achieving 99.9% uptime SLA across all managed services.
- Enforced least-privilege IAM roles, user authentication protocols, and application security policies, reducing unauthorised access risk and improving compliance posture.

Technical Lead and Full-Stack Developer **December 2022 - Present**
Paahibu Space – Wa, Ghana

- Architected and deployed Ndiara (ndiara.vercel.app) - a full-stack digital ecosystem for African women entrepreneurs built on Laravel (API backend) and Next.js (frontend), with UX/UI designed in Figma, currently serving 2,000+ active users across Africa and directly aligned with AU Agenda 2063 Aspiration 6.
- Designed and deployed interactive web portals and real-time monitoring dashboards by integrating 6 independent sub-platforms (E-Commerce, Academy, POS, HRM, Accounts, Community) via a centralised RESTful API middleware - eliminating fragmented data silos, resolving interoperability challenges, ensuring data consistency across the organisation, and eliminating cross-platform technical debt. Developed user-centric designs and intuitive digital workflows to reduce friction for non-technical staff, directly supporting platform adoption and reducing resistance to new processes across 100+ women-led businesses.
- Integrated mobile money (MTN, M-Pesa, Airtel), card processing (Visa, Mastercard), and global transfers (SWIFT, Wise) into a centralised financial reporting module, providing stakeholders with verifiable, structured data for evidence-based decision-making.
- Authored comprehensive technical documentation including SOPs, architectural blueprints, system integration guides, and deployment runbooks - preserving the institutional memory of all technical systems and reducing single-point-of-failure dependency.
- Designed and facilitated 20+ technical capacity-building workshops empowering 200+ girls with STEAM and software engineering skills using curriculum adapted for non-technical audiences - advancing digital inclusion and youth empowerment.

Full-Stack Developer **June 2023 - December 2024**
Namibra Inc – Kumasi, Ghana

- Built and launched a full-stack e-commerce platform with system integration into a custom ERP system (Laravel, React.js, MySQL), streamlining business operations by 30% (from 14-step manual workflows to 4-step automated processes) and improving UX/UI design for non-technical end-users.

- Debugged, maintained, and improved existing legacy codebases across 3 client platforms, ensuring systems remained functional, secure, and aligned with evolving user needs while minimising service downtime.
- Integrated ERP modules - inventory, order management, and financials - via RESTful APIs, establishing interoperability protocols and data consistency standards that eliminated cross-departmental data duplication.
- Participated in 15+ agile sprint cycles and 50+ code reviews using Git/GitHub version control and Docker, consistently improving code quality and deployment velocity.
- Built and maintained 5+ custom web platforms for 100+ women-led businesses using Laravel, JavaScript, and MySQL, improving operational efficiency, digital presence, and customer engagement across Ghana.

EXTRACURRICULAR ACTIVITIES

Developer and Founder, SmartSakuu **February 2021 - Present**

Designed and deployed a full-stack institutional management platform digitising school operations - centralising academic records, administrative workflows, and financial reporting into a unified dashboard for non-technical staff.

Developer, PayFast Gift Card Trading Platform **November 2025 - Present**

Built a full-stack gift card trading platform featuring secure payment flows, real-time transaction processing dashboard, multi-currency support, user authentication, and role-based access control.

SKILLS

- HTML5
- CSS5
- Javasript (ES6+)
- React
- Vue
- Angular
- UI/UX Design
- ERP integration
- SOP Drafting
- Microsoft 365
- Power BI
- PHP (Laravel)
- Python (Django, Flask)
- Node.js
- RESTful API Design
- MySQL and PostgreSQL
- Financial Modules
- Order Workflows
- Architectural Blueprints
- Curriculum Design
- Problem Solving
- Inventory Management
- Webhook APIs
- API Middleware Architecture
- ERP/SAP Integration
- Payment APIs (Paystack, SWIFT)
- Interoperability Protocols
- Version Control (Git, Github, Gitlab)
- Technical Documentation
- Deployment Runbooks
- Cross Functional Collaboration
- Evidence-Based Reporting
- Non-Technical Communication
- AWS
- GCP
- Azure
- Docker
- Kubernetes
- Terraform
- VS Code
- Delegation
- Empathy
- Capacity Building

CERTIFICATIONS AND AWARDS

- AWS Certified Developer – Associate
- Microsoft Certified: Azure Developer Associate
- Finalist – MTN Ayoba Hackathon 2021
- AWS Certified Cloud Practitioner
- NoniHub Award – AI Innovation
- Postman API Student Expert

INTERESTS

- Gender Equality and Women Empowerment Through Technology
- Africa's Digital Transformation and AU Agenda 2063
- Youth Development and STEAM Education
- Open-Source Development and Cloud Infrastructure
- AI Innovation and Data-Driven Policy Solutions

LANGUAGES

- Dagaare - Native
- English - Expert
- French - Beginner
- Arabic - Beginner

REFERENCES

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