

OMOGBEHINMI OLUSEGUN EMMANUEL

Full-Stack & DevOps Engineer

Location: Abuja, Nigeria

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LinkedIn: [Olusegun-Omogbehinmi](#)

GitHub: [CodewithSegNet](#)

Portfolio: <https://www.olusegun.site/>

PROFESSIONAL SUMMARY

Full-Stack & DevOps Engineer with 5+ years of experience building scalable web and mobile applications, managing production infrastructure, and delivering end-to-end software solutions across multiple industries. Experienced in backend engineering, frontend development, DevOps, cloud deployments, mobile application development, and software architecture.

Currently working at Smash Technology, where I grew from a Full-Stack Developer to Lead Software Engineer and later Software Manager through consistent delivery, technical leadership, and product execution.

Experienced in collaborating with Product Managers, Product Designers, QA teams, and cross-functional stakeholders to transform product ideas and Figma designs into scalable production-ready applications. Strong understanding of product workflows, user experience implementation, software lifecycle management, infrastructure optimization, and agile engineering processes.

Strong expertise in Python, FastAPI, Flask, JavaScript, TypeScript, React.js, Next.js, React Native, Docker, PostgreSQL, Redis, Nginx, CI/CD pipelines, and scalable cloud infrastructure. Also experienced with Node.js and Express.js for backend services and API development when required. Experienced in deployment automation, monitoring, API integrations, DevOps operations, and production support.

CORE SKILLS

Engineering & Leadership

- Software Engineering Management
- Technical Leadership

- Agile & Scrum Methodologies
- Cross-functional Collaboration
- Software Architecture
- Product Development Lifecycle
- Code Review & Mentorship
- Technical Documentation
- Performance Optimization
- Problem Solving & Troubleshooting

Backend Development

- Python
- JavaScript
- Node.js
- Express.js
- FastAPI
- Flask
- RESTful APIs
- API Integrations
- Authentication & Authorization
- OAuth Integration
- Microservices Architecture
- WebSocket Integration
- Background Tasks & Queue Systems

Frontend Development

- JavaScript (ES6+)
- TypeScript
- React.js
- Next.js
- HTML5
- CSS3
- Tailwind CSS
- Responsive Web Design
- API Consumption

Mobile Development

- React Native
- Cross-platform Mobile Development
- Android Build & Deployment
- iOS Build Management

- Mobile API Integration

DevOps & Infrastructure

- Docker
- Docker Compose
- Nginx
- Linux Server Administration
- CI/CD Pipelines
- GitHub Actions
- VPS Deployment
- Reverse Proxy Configuration
- SSL/HTTPS Configuration
- Infrastructure Monitoring
- Production Debugging
- Environment Configuration
- Load Balancing

Databases & Tools

- PostgreSQL
 - MySQL
 - Redis
 - RabbitMQ
 - Alembic
 - Supabase
 - Clerk
 - Formspree
 - Tawk.to
 - Git & GitHub
 - Swagger/OpenAPI
 - Postman
 - Jira
 - Trello
 - Figma
 - Microsoft Office Suite
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PROFESSIONAL EXPERIENCE

Smash Technology

Software Manager

On-Site
2025 – Present

Lead Software Engineer

On-site
2024 – 2025

Key Achievements & Responsibilities

- Led engineering teams across backend, frontend, mobile, and DevOps operations.
 - Managed product development workflows from planning to deployment.
 - Oversaw scalable system architecture and engineering implementation.
 - Built and maintained backend systems using FastAPI and Flask.
 - Developed frontend applications using React.js and Next.js.
 - Managed mobile application development using React Native.
 - Implemented and maintained CI/CD deployment pipelines.
 - Configured and managed Docker containers, Nginx servers, and Linux infrastructure.
 - Integrated third-party APIs, authentication systems, and cloud services.
 - Conducted code reviews, developer mentorship, and engineering process improvements.
 - Managed databases, migrations, infrastructure monitoring, and production support.
 - Collaborated with stakeholders, designers, QA teams, and developers to deliver scalable products.
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HNG Nigeria

Software Engineer Intern (Backend Developer)

Remote, Nigeria
May 2024 – October 2024

Key Achievements & Responsibilities

- Collaborated with cross-functional teams to develop AI-powered video and audio summarization systems.

- Built and maintained backend APIs and scalable services.
 - Integrated Google OAuth and third-party authentication systems.
 - Participated in agile development and sprint execution.
 - Improved backend reliability, maintainability, and performance.
 - Assisted with API integrations and technical documentation.
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EPISTIMIS

Backend Developer (Volunteer)

Remote, United States

September 2023 – January 2024

Key Achievements & Responsibilities

- Maintained and optimized backend systems and APIs.
 - Improved documentation and engineering collaboration processes.
 - Refactored codebases for scalability and maintainability.
 - Assisted with software release planning and implementation.
 - Facilitated engineering standups and technical discussions.
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ALX Africa – The Room Fellowship

Software Engineer Intern (Backend Developer)

Remote, Kenya

August 2022 – September 2023

Key Achievements & Responsibilities

- Designed and implemented APIs for real estate platforms.
 - Integrated applications with third-party services and APIs.
 - Deployed and monitored production services.
 - Conducted debugging, testing, and troubleshooting.
 - Participated in pull request reviews and engineering planning.
 - Utilized Git and GitHub for collaborative software development.
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National Lottery Regulatory Commission

ICT Department

Abuja, Nigeria

August 2018 – June 2019

Key Achievements & Responsibilities

- Managed and monitored network infrastructure operations.
 - Supported data center infrastructure and enterprise systems.
 - Troubleshoot server, network, and hardware issues.
 - Assisted with operational monitoring and incident management.
 - Maintained the availability and security of the IT infrastructure.
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EDUCATION

École de Techniciens Supérieurs du Bénin (ECO.TE.S BENIN)

Bachelor of Science (B.Sc.) – Computer Science

Benin Republic

2014 – 2017

National Youth Service Corps (NYSC)

Nigeria

2018 – 2019

CERTIFICATIONS

- HNG DevOps Engineering Certification (2026)
 - HNG Africa Finalist – Backend Engineering (2024)
 - ALX Africa Software Engineering Program – Full-Stack Engineering
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SELECTED PROJECTS

Web Development, DevOps, Monitoring & Maintenance

- Soctral – <https://soctral.com>
- Gemsore – <https://gemsore.com>
- Paradise Boulevard Estate – <https://www.paradiseboulevardestate.com>
- AFTA – <https://www.afta.app>
- Qiimeet – <https://www.qiimeet.com>
- Paul Smith Initiatives – <https://www.paulsmithinitiatives.com>

Mobile Applications

- RideSmash Driver & Rider Applications (In Development)
- Qiimeet Mobile Application (In Development)
- AFTA Mobile Application (In Development)
- SmashRemit Mobile Application (In Development)

Google Play Store Links

- RideSmash – <https://play.google.com/store/apps/details?id=com.philzcodes.RideSmash>
- DriveSmash – <https://play.google.com/store/apps/details?id=com.philzcodes.RideSmashDriver>
- Qiimeet – <https://play.google.com/store/apps/details?id=com.qiimeet>

Technical Contributions

- Developed scalable full-stack web applications from Figma design implementation to production deployment.
- Managed DevOps infrastructure, server monitoring, deployment pipelines, and production maintenance.
- Configured Docker containers, Nginx reverse proxies, SSL certificates, and Linux production servers.
- Built and integrated RESTful APIs, authentication systems, and third-party services.
- Worked extensively with React.js, Next.js, FastAPI, Flask, PostgreSQL, Redis, and React Native.
- Collaborated closely with Product Managers, Product Designers, QA teams, and developers in agile environments.
- Maintained and monitored production systems for performance, reliability, and scalability.

REFERENCES

Available upon request.