






Tijani Salami Olayinka

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 Lagos, Nigeria | Open to Remote | Available for Relocation (if true)

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Profile

Full Stack Engineer with hands-on experience in building and deploying RESTful APIs, integrating third-party services, and developing backend systems using Java, Python, JavaScript, TypeScript, Go (Golang), Django and Spring Boot. Strong background in RESTful & GraphQL API design, SQL & NoSQL databases, containerization (Docker, Kubernetes), and cloud platforms (AWS, GCP, Azure). Strong knowledge of data structures, Object Oriented Programming, software testing, and agile methodologies.

Technical Skills

- Languages: Java, Python, Go (Golang), JavaScript, TypeScript, HTML, CSS
 - Databases: MySQL, MongoDB, PostgreSQL
 - Software Development Life Cycle (SDLC)
 - Agile & Scrum Practices
- Backend Frameworks: Spring Boot, Django, Flask, FastAPI, Gin, Node.js, Express.js, Redis
 - MVC, Layered & Clean Architecture Patterns
 - Version Control (Git, GitHub)
 - DevOps & Tools: Docker, Kubernetes, Jenkins, Git, CI/CD pipelines.
- Frontend: React.js, Redux, SweetAlert, React Router, HTML/CSS, Tailwind CSS, Axios / Fetch API
 - Unit Testing, Integration Testing (JUnit, Pytest, Jest)
 - Cloud Platform: AWS (EC2, S3), Vercel, Heroku deployment

Professional Experience

02/2024 – present
Lagos, Nigeria

Software Engineer Intern
Semicolon Africa

- Built and deployed backend services for web apps using Spring Boot, Django, and Flask, following REST API standards.
- Designed secure login systems using JWT tokens, email verification, and role-based access control (RBAC).
- Implemented CRUD operations and business logic for various user-facing features.
- Performed unit and integration testing using JUnit, Pytest, and Unittest; maintained over 85% code coverage.
- Used Postman for API validation and Git/GitHub for version control in collaborative environments.
- Wrote API documentation using Swagger and Postman for easier integration with frontend teams.
- Worked with MySQL and MongoDB, writing optimized queries and designing normalized schemas.
- Participated in Agile development cycles, including sprint planning, daily stand-ups, and peer reviews.

09/2022 – 01/2024
Ogun State, Nigeria


Inventory Accountant
Alerzo Limited

- Transformed raw data into actionable insights for finance teams.
- Conducted comprehensive data reconciliation on the ERP portal, minimizing discrepancies by 20% and ensuring a 98% accuracy rate.
- Collaborated with Internal and External Auditors during audits, providing essential data reports to facilitate the audit exercise.

Projects

Swift Wallet – Backend Payment Wallet System

Tech Stack: Python, Django, Django REST Framework, MySQL, Paystack API, JWT, SMTP, Git


GitHub: <https://bitl.to/4Reb> 

- Designed and implemented a secure backend wallet system enabling users to register, login, fund wallets, and transfer funds securely.
- Developed RESTful APIs for wallet balance management, transaction history, and user profiles using Django REST Framework.
- Integrated Paystack for payment handling and webhook callbacks for transaction status.
- Added email verification using SMTP to ensure secure user onboarding and prevent spam account creation.
- Implemented JWT auth, token refresh, and email verification during user onboarding.
- Added admin control layer with access to analytics and transaction logs.
- Ensured secure and scalable database operations with MySQL, applying normalized schema design and indexing.

Electronic Medical Record System (EMRS)

Tech Stack: Java, Spring Boot, JavaScript, MySQL, JWT, Spring Security, Hibernate, React

GitHub Backend: <https://rb.gy/ez2wxg> 

GitHub Frontend: <https://bitl.to/4AnB> 

- Designed backend APIs for appointment scheduling, medical records access, and doctor-patient communication.
- Created endpoints for appointment booking, record updates, and medical history retrieval with full CRUD operations.
- Applied JWT-based auth, user roles, and secure HTTP headers to enhance system security.
- Structured backend to support asynchronous processing of appointment availability and cancellations.
- Built relational database schema in MySQL with indexed queries for performance.
- Documented API endpoints using Postman, facilitating smooth frontend integration

Estate Gate Pass

Tech Stack: Java, Spring Boot, MongoDB, JWT, Spring Security, React

GitHub Backend: <https://bitl.to/4An7> 

GitHub Frontend: <https://bitl.to/4AnP> 

- Developed a backend system that generates and validates digital gate passes for verified residents and their visitors.
- Built role-based authorization with tenant and security personnel roles using Spring Security.
- Used MongoDB for NoSQL data persistence and tested endpoints with Postman and unit tests.
- Added JWT authentication and authorization for robust, token-based session management.
- Wrote comprehensive unit tests with JUnit and conducted integration testing with Postman to ensure reliability.
- Ensured clean architecture with a clear separation of concerns between controllers, services, and repositories.

Soft Skills

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|---------------------------------------|------------------------------|
| • Problem-Solving & Critical Thinking | • Resilience & Perseverance |
| • Adaptability & Quick Learning | • Communication Skills |
| • Time Management & Prioritization | • Accountability & Ownership |

Education

2024 – 2025
Lagos, Nigeria

Diploma in Software Engineering
Semicolon Africa

- Courses: Full-Stack Development, Design Thinking , Software Architecture, Data Structures & Algorithms

2015 – 2019

B.Sc(Ed) in Secretarial Administration – Second Class Upper
Tai Solarin University of Education – Ijebu Ode, Nigeria