VICTOR OKOLIE

Backend & Web3 Developer

✉ victorokolie001@gmail.com ☎ +234 907 456 2512 📍 Lagos, Nigeria

🔗 https://victorokolie.com/ ⭘ https://github.com/vicTorQuest/

🔗 linkedin.com/in/victor-okolie-a74623245

PROFILE

I build backend and Web3 systems that connect users, tokens and data, securely, efficiently and at scale. From smart contracts to fullstack APIs, I care about clean logic, real usage and thoughtful execution.

PROFESSIONAL EXPERIENCE

Web3 Developer Intern   12/2024 – Present │ Enugu, Nigeria
Genesys Tech Hub (Learnable)
- Developed and deployed smart contracts (ERC-20, ERC-721) using Solidity, OpenZeppelin, and Hardhat for real-world projects
- Integrated wallet auth, token minting, and contract logic using Web3.js and Ethers.js
- Contributed to KYC verification contracts, on-chain metadata via IPFS, and security-focused contract reviews
- Worked across 3+ Web3 teams, aligning backend, contract, and frontend logic in agile sprint cycles

Backend Developer   12/2021 – Present │ Remote
Freelance
- Engineered modular backends for content platforms, gaming apps, and e-learning quizzes using Django
- Secured endpoints with JWT and OAuth login (Google/GitHub), supporting 3+ multi-user platforms
- Created, tested, and deployed APIs for task logic, content delivery, and checkout flows
- Boosted code quality and performance with DRY patterns and optimized database queries

Frontend Developer   11/2021 – 05/2024 │ Remote
Freelance
- Built responsive UI components and dynamic frontends using HTML, Bootstrap, and JavaScript
- Integrated frontend with REST APIs, enhancing user interaction across 5+ fullstack applications
- Optimized UI performance and mobile responsiveness with clean CSS and device testing

PROJECTS

Lucky Quest — Web Game Platform 🔗
Fullstack Developer | Personal Project
- Designed and built a complete browser-based casino game platform, handling over 300 test plays during internal QA
- Developed backend logic in Django to support user management, session handling, and game progression across 3+ mini games
- Implemented dynamic AJAX requests using jQuery, reducing full-page reloads and improving interaction speed by 80%
- Built mobile-responsive game UIs with HTML, CSS, and Bootstrap, ensuring cross-device compatibility

- Conducted API testing and debugging to reduce server-side errors by 70% and enhance backend stability
- Used Git for version control, managing over 10 development iterations and maintaining clean deployment workflows

Gbese — Decentralized Debt Settlement dApp 🔗
Web3 Developer | Team Project
- Led the blockchain-side development of a fintech dApp that supports token-based debt repayment and NFT rewards
- Developed and deployed the GBT token (ERC-20) and GbeseNFT (ERC-721) contracts, enabling 100+ wallet interactions in testing
- Built a modular KYCVerifier contract to support wallet verification and future smart contract upgrades without redeployment
- Integrated MetaMask functionality for wallet connection, token tracking (wallet_watchAsset), and NFT minting
- Deployed over 30 NFT assets and metadata to IPFS, dynamically linked using tokenURI()
- Designed a real-time reward dashboard using Ethers.js to listen for contract events and display user-minted NFTs
- Improved transaction reliability by 40% through testnet optimization and iterative smart contract reviews

Quest Codes — Developers Blog & Store Website 🔗
Fullstack Developer | Personal Project
- Built fullstack platform with 3 major modules: blog, product store, and newsletter
- Developed 25+ endpoints supporting article publishing, checkout, and user auth
- Integrated Google and GitHub login, increasing user registration by 40%
- Reached 150+ combined visits during soft launch phase

Tynie — URL Shortening & Analytics Platform
Backend Developer | Personal Project
- Created shortening engine that generated and tracked 500+ test URLs during QA
- Built analytics model tracking user interactions, page visits, and redirects
- Reduced server-side errors by 70% through unit testing and route cleanup

EbedMas — E-learning Quiz Feature 🔗
Backend Developer | Team Project
- Implemented 15+ quiz-related endpoints with scoring logic, retries, and time limits
- Integrated Google login and JWT auth, improving sign-in success rate by 85%
- Delivered working MVP used in internal tests by 20+ users

Productivity Pal — Task Manager App 🔗
Backend Developer | Team Project
- Delivered API architecture for task CRUD, notifications, tagging, and progress tracking
- Handled backend–frontend handoffs, enabling smooth connection with React frontend
- Refactored backend logic to reduce task load time by 45%

SKILLS

Web3 & Blockchain — Solidity • Hardhat • Web3.js • Ethers.js • OpenZeppelin • MetaMask Integration • IPFS • Token Standards (ERC-20, ERC-721)

Backend Development: — Python • Django • Django REST Framework • OAuth • JWT • PostgreSQL • Redis • REST API Design • Session Management

Frontend & Integration — HTML • CSS • JavaScript • Bootstrap • jQuery • AJAX • React (basic)

DevOps & Tools: — Git • GitHub • Docker • DigitalOcean • Railway • VS Code • Postman • Trello • Notion

Soft Skills — Team Collaboration • Critical Thinking • Documentation • Code Reviews • Rapid Learning • Communication

EDUCATION

B.Sc. Computer Science   09/2019 – 08/2023 │ Enugu, Nigeria
Enugu State University of Science and Technology (ESUT)

CERTIFICATES

Web3 Development Internship 🔗
Learnable (Genesys Tech Hub 2025)

Python Programming 🔗
Sololearn 2020