

# ELIEZER JAMES CHIHURUMNANYA

## Smart Contract Engineer & Backend Developer

Abuja, Nigeria • +2349152087229 • [eliezerjames92@gmail.com](mailto:eliezerjames92@gmail.com)  
portfolio: [github.com/jamesluiz](https://github.com/jamesluiz)

### SUMMARY

---

Result driven Smart Contract Engineer and Backend Developer with 6+ years of experience in building secure, reliable, and scalable systems. Skilled in designing, auditing, and deploying smart contracts, as well as developing robust backends for Web2 and Web3 applications. Experienced in delivering practical solutions with best practices for both startups and large-scale enterprises. Seeking a dynamic and challenging role to contribute to business success.

### AREAS OF EXPERTISE

---

- Smart Contract & Blockchain Development
- Database Management
- Cloud & DevOps
- API Development & Integration
- Backend Development
- Software Architecture
- Automated Testing & QA
- Leadership & Collaboration

### TECHNICAL SKILLS

---

- Solidity, Hardhat, contract audit & testing, tokenization, DeFi protocols.
- Node.js, NestJS, Express.js, TypeScript/JavaScript.
- MongoDB, PostgreSQL, TypeORM.
- Architecture – Monolith, Microservices, Serverless, API design.
- AWS (S3, Lambda, API Gateway, CodePipeline, etc.), Google Cloud, Docker, GitHub Actions.
- Jest, Mocha, Chai, Postman, Yac.
- Agile/Scrum methodologies, team management, effective communication.

### KEY ACHIEVEMENTS

---

- Engineered and launched a collateral-backed stablecoin protocol, reducing transaction costs by 30% through gas optimization and scaling to support 50K+ active users across multiple chains.
- Designed and deployed a globally scalable occupancy tax system for a ride-hailing platform, handling 100K+ daily transactions and improving backend processing speed by 40%.
- Built and deployed an NFT Marketplace with a secure backend, enabling 10K+ NFT transactions monthly while maintaining 99.9% uptime and improving user experience scores by 25%.
- Implemented cross-chain bridge contracts and advanced DeFi mechanisms (AMM, liquidity mining, yield farming), resulting in 40% higher liquidity retention and a 35% increase in user engagement.

## PROFESSIONAL WORK EXPERIENCE

---

**Smart Contract Engineer, Streel Network**

Jan 2022 - 2024

- Architected and deployed a collateral-backed stablecoin protocol from smart contract to backend.
- Implemented advanced tokenomics models and AMM mechanisms, enhancing protocol efficiency and liquidity.
- Led smart contract security implementations and gas optimization strategies, reducing costs and improving reliability.
- Performed comprehensive penetration testing on blockchain infrastructure, uncovering and remediating 5 critical vulnerabilities, reducing security risk score by 40%

**Blockchain Engineer, Aqua Protocol**

Jan 2021 - 2022

- Led development of a lending and borrowing protocol, growing the platform's user base by 60% to reach 15K active borrowers within 12 months.
- Developed an NFT Marketplace from smart contracts to a secure backend, facilitating 10K+ NFT trades monthly while maintaining 99.9% uptime and improving user experience scores by 25%.
- Designed and deployed cross-chain bridge contracts, enabling efficient asset transfers across multiple networks.
- Optimized smart contract gas usage, reducing transaction costs and improving protocol efficiency.

**Backend Engineer, JamForte Technologies**

Jul 2025 - Present

- Designed and built a globally scalable occupancy tax system, a critical component of a ride-hailing application.
- Developed and maintained scalable and reliable backend applications using NestJS and Node.js.
- Implemented CI/CD pipelines using AWS CodePipeline, reducing deployment time and improving release frequency.
- Architected a modular, microservice-based application leveraging a serverless approach for landlord-tenant integrations.
- Mentored a team of 13 engineers, enforcing best practices through code reviews and technical leadership.
- Gained hands-on experience with multiple database technologies, including PostgreSQL and MongoDB, designing schemas that handled 2M+ records and reduced query latency by 30%

## EDUCATION

---

**B.engr in Electrical Engineering**

Nnamdi Azikiwe University, Awka

Sep 2018 - Dec 2023

- Relevant coursework in Structural Design and Project Management.
- Solar Engineering, installation and maintenance
- Microcontroller programming, AT89C51/52, Arduino, Raspberrypi

## LANGUAGES

---

- English | Native
- Chinese | Intermediate

## CERTIFICATIONS

---

- HSK3** - Chinese Language Proficiency
- ICT Training** - EQ Computers
- HEP SSA** - Higher Education Partnerships in Sub-Saharan Africa