

CHIDIEBERE CHUKWU JOHN

FULLSTACK SOFTWARE ENGINEER

Lagos, Nigeria | +234 810 756 5155 | chukwuchidieberejohn@gmail.com

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PROFESSIONAL SUMMARY

Results-driven Full Stack Software Engineer with 4+ years of experience building fintech, payment infrastructure, digital identity, and enterprise software solutions across African and global markets. Experienced in designing scalable backend systems, integrating third-party services, and developing modern web applications that deliver reliable and seamless user experiences.

Proficient in Java, Spring Boot, NestJS, Node.js, React, Angular, PostgreSQL, MongoDB, and Redis, with hands-on experience in API design, payment integrations, system optimization, and cloud-based application development. Strong background in merchant onboarding, technical integration support, transaction processing, and developer experience initiatives.

Passionate about building secure, maintainable, and scalable software solutions while collaborating with cross functional teams to solve complex business challenges. Currently focused on payment infrastructure, AI-powered developer tools, intelligent documentation systems, and modern software engineering practices.

CORE COMPETENCIES

- **Backend Development:** Java, Spring Boot, NestJS, Node.js, ExpressJS, C#, .NET
Core
- **Frontend Development:** React.js, Angular, Vite, TypeScript, JavaScript
- **Database Management:** PostgreSQL, MongoDB, Redis, TypeORM, Mongoose, Sequelize, EF
Core
- **UI/UX Frameworks:** Tailwind CSS, Bootstrap, Shadcn UI
- **DevOps & Cloud:** Docker, Kubernetes, AWS Infrastructure, CI/CD Pipelines, GitHub Actions
- **AI & Automation:** Agentic AI Systems, LLM Integration (OpenAI, Google Gemini, Anthropic Claude), Prompt Engineering
- **Message Brokers:** RabbitMQ, Event-Driven Architecture
- **Development Tools:** Git, GitHub, BitBucket, JetBrains WebStorm, VS Code, Jira, Trello, Notion

PROFESSIONAL EXPERIENCE

Software Integration Engineer | Passpoint (Payment Infrastructure, Africa & Global) Remote | March 2025 – Present

- Supported merchants throughout the full integration lifecycle, from onboarding and sandbox testing to production go-live across multiple payment products and regions.
- Provided technical support and guidance on API integrations, authentication, webhooks, transaction flows, error handling, and payment processing best practices.
- Investigated and resolved integration issues involving collections, payouts, virtual accounts, cards, wallets, vouchers, and mobile money services.
- Collaborated with engineering, product, and compliance teams to troubleshoot issues, escalate defects, and ensure the timely resolution of merchant concerns.
- Created and maintained API documentation, integration guides, Postman collections, and technical resources to enhance the developer experience.
- Assisted merchants with webhook setup, callback validation, transaction reconciliation, and production readiness assessments.
- Analyzed transaction logs, API requests, and system behavior to identify root causes of failures and recommend effective solutions.
- Supported cross-border payment integrations across African and global corridors, including multi-currency transaction and settlement workflows.
- Gathered merchant feedback and partnered with internal teams to improve platform reliability, documentation quality, and overall integration efficiency.
- Acted as a key liaison between merchants and internal stakeholders, ensuring smooth communication and successful integration outcomes.

Fullstack Software Engineer | Bambam Automation (Technology Solutions & Business Consulting) Remote | July 2023 – April 2025

- Developed custom web applications for healthcare, education, and business sectors using React, Angular, NestJS, and Spring Boot, delivering scalable solutions tailored to client needs.
- Designed and implemented full-stack applications, including RESTful APIs, database architecture, and responsive user interfaces for organizations across multiple industries.
- Built healthcare management platforms featuring patient records management, appointment scheduling, billing systems, and operational reporting tools.
- Developed educational platforms with collaboration features, virtual learning capabilities, and student progress tracking systems.
- Provided technology consulting services to organizations, conducting system assessments, recommending suitable technology solutions, and supporting digital transformation initiatives.

- Collaborated with stakeholders to gather requirements, translate business needs into technical solutions, and deliver high-quality software products.
- Led technical training sessions and mentorship programs focused on modern web development, software architecture, API design, and deployment best practices.
- Modernized and enhanced existing applications through refactoring, performance optimization, and improved maintainability.
- Implemented automated testing, deployment workflows, and development best practices to improve software quality and delivery efficiency.
- Worked closely with cross functional teams throughout the software development lifecycle, from planning and design to deployment and ongoing support.

Fullstack Software Engineer | Seamfix Limited (Digital Identity Management Platform) Hybrid | April 2024 – January 2025

- Developed and maintained backend services using NestJS, implementing scalable APIs, business logic, and integrations for identity verification and onboarding platforms.
- Improved application performance through caching strategies, query optimization, and efficient service architecture to support high traffic workloads.
- Built and enhanced identity verification workflows by integrating biometric authentication, document validation, and third-party verification services.
- Created and maintained comprehensive API documentation, Postman collections, and developer resources to streamline integration and onboarding processes.
- Implemented secure authentication and authorization mechanisms, including OAuth, role-based access control, and data protection best practices.
- Developed responsive frontend applications using Angular, React, and TypeScript, delivering intuitive user experiences across web platforms.
- Collaborated with cross functional teams to design, develop, test, and deploy new features while maintaining platform stability and reliability.
- Implemented monitoring, logging, error handling, and health check mechanisms to improve system observability and operational resilience.
- Contributed to software quality initiatives through code reviews, testing, performance optimization, and adherence to engineering best practices.

Backend Software Engineer (Contract) | Lo3re (High-Scale Lottery Gaming Platform) Remote | January 2023 – March 2023

- Developed and maintained backend services for gaming platforms, implementing scalable APIs, real-time event processing, and gameplay-related business logic.
- Optimized application performance, reducing latency and improving responsiveness for real-time user

interactions and game events.

- Built and maintained comprehensive testing suites using Jest and integration testing frameworks to ensure application reliability and stability.
- Integrated third-party payment gateways, developing secure transaction workflows, webhook handlers, and payment reconciliation processes.
- Designed reusable integration modules and backend components to simplify the onboarding of new payment providers and external services.
- Improved infrastructure efficiency through performance optimization, database tuning, and resource management strategies.
- Implemented CI/CD pipelines and automated deployment workflows using GitHub Actions, improving release reliability and development efficiency.
- Collaborated with frontend developers, product teams, and stakeholders to deliver new features and enhance the overall gaming experience.
- Participated in code reviews, system design discussions, monitoring, and troubleshooting activities to maintain platform performance and reliability.

Fullstack Software Engineer | Byteworks Technology Solutions

Onsite | November 2021 – December 2022

- Contributed to the design and development of scalable backend services using NestJS and Spring Boot, supporting modular and maintainable application architectures.
- Improved development and deployment workflows through containerization, automated testing, and CI/CD pipeline enhancements.
- Participated in code refactoring and modernization initiatives, improving maintainability, readability, and long-term scalability of applications.
- Created and maintained technical documentation, onboarding guides, and knowledge sharing resources to support team collaboration and project continuity.
- Collaborated with engineering teams to establish coding standards, development best practices, and quality assurance processes.
- Worked within Agile development environments, participating in sprint planning, code reviews, daily standups, and continuous improvement initiatives.
- Developed full-stack applications using React, Angular, Node.js, NestJS, and PostgreSQL, delivering reliable solutions aligned with business requirements.
- Assisted in system design, troubleshooting, performance optimization, and feature implementation across multiple client and internal projects.
- Collaborated with cross functional teams to deliver high-quality software solutions on schedule while maintaining strong engineering standards.

EDUCATION

Bachelor of Science in Mathematics

University of Nigeria, Nsukka | October 2016 – November 2021

PROFESSIONAL DEVELOPMENT

- Between Zero and One (BEZAO) Program | Tenece | June 2022

KEY ACHIEVEMENTS

- Architected and deployed payment systems processing 1M+ daily transactions with 99.95% reliability and sub-200ms average response time
- Reduced infrastructure costs by 35% while improving system performance through strategic optimization of cloud resources, database queries, and caching strategies
- Improved API response times by 40% across multiple projects through the implementation of Redis caching, query optimization, and efficient data structures
- Reduced deployment cycles by 50% through automation of CI/CD pipelines, containerization with Docker, and implementation of blue-green deployment strategies
- Successfully delivered 20+ enterprise-grade applications across fintech, gaming, and identity verification sectors with consistent on-time delivery