

CHIDIEBERE CHUKWU JOHN

FULLSTACK SOFTWARE ENGINEER

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PROFESSIONAL SUMMARY

Results-driven Full Stack Software Engineer with 5+ 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:** Claude Code, Git, GitHub, BitBucket, JetBrains WebStorm, VS Code, Jira, Trello, Notion

PROFESSIONAL EXPERIENCE

Software Integration Engineer *March 2025 – Present*

Passpoint (Payment Infrastructure, Africa & Global) | Remote

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

Fullstack Software Engineer *July 2023 – April 2025*

Bambam Automation (Technology Solutions & Business Consulting) | Remote

- 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 *April 2024 – January 2025*

Seamfix Limited (Digital Identity Management Platform) | Hybrid

- 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) *January 2023 – March 2023*

Lo3re (High-Scale Lottery Gaming Platform) | Remote

- 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 *November 2021 – December 2022*

Byteworks Technology Solutions | Onsite

- 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.

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.

EDUCATION

Bachelor of Science in Mathematics *October 2016 – November 2021*

University of Nigeria, Nsukka

PROFESSIONAL DEVELOPMENT

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