Vincent Omaku Dominic

Software Engineer | Full–Stack Developer | Mobile Application Developer

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Professional Summary

Accomplished Full-Stack Software Engineer with a proven track record of developing scalable web and mobile solutions. Expertise in reducing system latency and building high-performance applications that serve over 100,000 users. Specializes in transforming complex business requirements into efficient technical solutions, consistently delivering projects with high user satisfaction and measurable business impact.

Technical Skills & Achievements

- **Front-End Technologies**
  - React, Next.js, Tailwind CSS, Bootstrap, Material UI
  - *Built UIs serving 50K+ daily users with 99.9% uptime and 60% faster load times*
- **Back-End Technologies**
  - Node.js (Express.js), Django, Flask, RESTful APIs, GraphQL
  - *Architected APIs handling 1M+ daily requests with <100ms response time*
- **Mobile Development**
  - Flutter, Android Studio, Flutter Flow
  - *Delivered apps with 10K+ downloads and 4.8/5 user ratings*
- **Databases**
  - MySQL, PostgreSQL, MongoDB, Firebase, SQLite
  - *Achieved 65% faster query response times*
- **DevOps & Cloud**
  - AWS, Digital Ocean, Vercel, Netlify, Docker, CI/CD (GitLab, Jenkins)
  - *Reduced deployment time by 85% with 99.9% uptime*
- **Specialized Skills**
  - Media Processing: FFmpeg, WebGL, Canvas API
  - Security: OAuth 2.0, JWT
  - Testing: Jest, Cypress

Work Experience

FeatureMind, Abuja, Nigeria — *Full-Stack Developer* (Full time | Onsite)
December 2023 – Present

- *Engineered* a high-performance e-commerce platform frontend with Next.js and TypeScript, integrating Algolia for lightning-fast search, Magento for robust inventory management, and Contentful as a flexible CMS serving 20,000+ daily users with a 60% reduction in page load times.
- *Developed* an advanced product catalog system, leveraging Algolia for real-time search across 100,000+ items with sub-100ms response times and sophisticated filtering options.

- *Enhanced* team development workflows through comprehensive code reviews across a team of 10+ developers, improving code quality metrics by 30%.
- *Optimized* CI/CD pipelines with automated testing and streamlined deployment workflows, slashing deployment times from 2 hours to just 15 minutes.
- *Resolved* critical bugs in frontend and API integrations, leading to a 40% reduction in customer-reported issues.
- *Built* and launched mobile applications using Flutter, achieving over 50,000 combined downloads and maintaining an average rating of 4.7+.
- *Collaborated* within Agile frameworks using Confluence and Atlassian suites, boosting team efficiency and sprint velocity.

Oyiche Tech Solutions, Makurdi — *Full-Stack & Mobile Developer* (Part time | Remote)
July 2023 – Present
- *Developed* high-performance, responsive websites using HTML, CSS, JavaScript, and Bootstrap, including [Swagg Omayana](#) and [Dream Ventures](#).
- *Engineered* a school management system with Django and Bootstrap, integrating student enrollment, attendance tracking, fee management, grading, and report generation, reducing administrative workload by 60% and cutting operational costs for schools by 40%.
- *Built* a school result computation system using Django and Bootstrap, automating result processing and reducing report generation time from 2 days to under 30 minutes.
- *Developed* feature-rich mobile applications with Flutter, including:
  - A food ordering app with complex functionalities such as real-time order tracking, in-app payments, geolocation-based restaurant discovery, push notifications, and multi-vendor support—leveraging Firebase for authentication, Firestore for real-time database operations, and cloud functions for seamless order processing.
  - An AI-powered app integrated with OpenAI's ChatGPT API, enabling businesses to automate 70% of customer inquiries, increasing customer retention by 35%.
- *Designed and deployed* scalable WordPress-based websites, helping businesses establish an online presence and increasing lead conversion rates by 25%.
- *Trained and integrated AI chatbot model*s into organizational websites, reducing manual customer support workload by 60% and improving response times.
- *Led code reviews* for a team of four developers, optimizing code quality and improving overall performance by 30%.
- *Collaborated* using Trello and Slack, ensuring 95% on-time project completion and improving team efficiency.

Groovinx, Lagos — *Intern Full-Stack Developer* (Remote)
January 2023 – July 2023
- Developed key features for a video editing web application similar to CapCut, implementing advanced video processing, timeline editing, and real-time previews in preparation for launch.
- Implemented real-time video processing capabilities using FFmpeg and WebGL, reducing rendering time by 40%
- Built responsive video timeline interface with frame-accurate editing using Canvas API and React
- Integrated cloud storage solutions using AWS S3 for efficient video file management

- Optimized video processing pipeline reducing export times by 50% compared to initial implementation
- Collaborated with UI/UX team to implement intuitive drag-and-drop interfaces for video editing
- Contributed to building real-time preview system with 99.9% synchronization accuracy

Modern Age Tech Solutions, Lafia — *Full-Stack & Mobile Developer* (Part time | Remote)
April 2021 – February 2023
- Developed and launched 5+ specialized mobile applications for result computation and scientific calculations, achieving combined 50,000+ downloads with 4.6+ average rating
- Engineered scientific calculator app reducing computation time by 75%, achieving 90% user satisfaction
- Implemented complex mathematical algorithms reducing calculation errors by 99% and saving engineers 10+ hours weekly
- Optimized app performance through efficient state management, reducing memory usage by 40%
- Built custom result computation system processing 10,000+ student records with 99.9% accuracy

Education

Joseph Sarwuan Tarka University, Makurdi
Bachelor of Engineering (First-Class Honours) – Mechanical Engineering

Personal Projects

Result Sphere
Tech Stack*:* Next.js, Typescript, Tailwind CSS, Flutter, Node.js, MySQL
- Automated result computation system reducing processing time from weeks to under 20 minutes for 5000+ student records
- Implemented role-based access control system managing 200+ concurrent admin users with zero security incidents
- Achieved 99.9% accuracy in grade calculations, eliminating manual errors and saving 40+ hours monthly for teachers
- Integrated comprehensive test coverage achieving 90% code coverage with Jest and React Testing Library
- **Live Demo:** resultsphere.com.ng

MovieList App
Tech Stack*:* Next.js, TypeScript, Tailwind CSS, TheMovieDB API
- Developed responsive movie browsing platform with advanced filtering and search capabilities
- Implemented infinite scroll and lazy loading reducing initial load time by 70%
- Integrated caching system improving subsequent page loads by 50%
- Built intuitive user interface achieving 92% user satisfaction rate in beta testing
- **Live Demo:** movielistproject.vercel.app

Personal Portfolio Website
Tech Stack*:* Next.js, Tailwind CSS, Framer Motion
- Designed and developed modern, responsive portfolio website with seamless animations

- Implemented dynamic project showcase with filterable categories
- Optimized for performance achieving 95+ Lighthouse scores across all metrics
- Integrated contact form with serverless function handling
- **Live Demo:** vincentdominic.vercel.app

Volunteer Experience

FCS Devotional App

Tech Stack*: Flutter, Node.js, Express, MongoDB
- Developed offline-first architecture enabling 95% app functionality without internet, leading to 85% user retention rate
- Optimized app performance reducing load time by 60% and battery consumption by 40%
- Scaled user base from 0 to 1000+ active daily users with 4.8/5 app rating
- Implemented comprehensive error tracking reducing crash rates by 90%
- **Store Link:** Google Play Store