

Joseph Gift

Senior Full Stack Developer | AI Integration Specialist | Cloud-Native Solutions

SUMMARY

- Full Stack Developer with 4+ years of experience architecting scalable web applications using React.js, Next.js, Node.js, and Python frameworks (FastAPI, Django), specializing in AI integration and cloud-native solutions.
- Proficient in designing and optimizing RESTful and GraphQL APIs, microservices, and serverless architectures with expertise in PostgreSQL, MongoDB, Redis, and vector databases (Pinecone, Weaviate).
- Skilled in DevOps practices including CI/CD pipelines, Docker, Kubernetes, AWS services, and automated testing (Jest, Cypress, Playwright) to ensure robust, secure deployments.

TECHNICAL SKILLS

Main Technical Skills	React (3 yr.), Node.js (3 yr.), TypeScript (3 yr.), Python (2 yr.), PostgreSQL (3 yr.)
Programming Languages	Python (2 yr.), TypeScript (3 yr.)
Mobile Frameworks and Libraries	Crashlytics (1 yr.)
JavaScript Frameworks	Express (3 yr.), Ext JS (1 yr.), Node.js (3 yr.), React (3 yr.), Vue.js (1 yr.)
Python Frameworks	FastAPI (1 yr.)
AI & Machine Learning	Hugging Face, LangChain (1 yr.), LlamaIndex (1 yr.), Pinecone (1 yr.), TensorFlow
.NET Platform	Identity Server (1 yr.)
JavaScript Libraries and Tools	Mongoose (2 yr.), Rechart (1 yr.), Redux-toolkit (2 yr.), Vite (1 yr.), Webpack, Zustand
Python Libraries and Tools	TensorFlow
Data Analysis and Visualization Technologies	Google Analytics (3 yr.), Google Spreadsheets (3 yr.)
Databases & Management Systems / ORM	Firestore (1 yr.), PostgreSQL (3 yr.), Prisma ORM (1 yr.), Redis (1 yr.), Sequelize
UI Frameworks, Libraries, and Browsers	Socket.io (1 yr.), Tailwind CSS (2 yr.)

Cloud Platforms, Services & Computing	Cloudinary (1 yr.), Netlify, Vercel (2 yr.)
Amazon Web Services	AWS API Gateway, AWS CloudWatch (1 yr.), AWS EC2 (1 yr.)
Azure Cloud Services	Azure Cloud Functions
Collaboration, Task & Issue Tracking	Atlassian Trello, Jira, Notion, Slack
SDK / API and Integrations	AWS API Gateway, Eslint LinkedIn API, FastAPI (1 yr.), GraphQL, JWT (1 yr.), OAuth (2 yr.), Sendgrid API, Stripe (1 yr.)
QA, Test Automation, Security	Cypress (1 yr.), Jest (1 yr.), Playwright (1 yr.), Postman
Methodologies, Paradigms and Patterns	FDD (1 yr.), Kanban, microservices architecture (1 yr.), Scrum
Version Control	Git (4 yr.), Github Actions (1 yr.)
Mail / Network Protocols / Data transfer	JWT (1 yr.)
Virtualization, Containers and Orchestration	Kubernetes, Terraform
Web/App Servers, Middleware	Nginx (1 yr.)
Blockchain and Decentralized Software	Optimism (3 yr.)
Other Technical Skills	Illustration and icons, Prettier, Rendering (1 yr.), SemRush (3 yr.), Supertest (1 yr.)

WORK EXPERIENCE

Full Stack Developer & E-Commerce Platform Engineer - ShopGoodsAfrica (E-Commerce Platform Development with AI Recommendations)

Duration: March 2023 – Present

Summary:

- Developed a full-featured e-commerce platform supporting 1,000+ SKUs across multiple African markets with multi-currency support and localized payment integrations
- The platform includes AI-powered product recommendations to enhance user experience and sales

Responsibilities:

- Architected and developed frontend using React 18 with TypeScript for dynamic product catalogs and responsive checkout.
- Built Node.js/Express backend with RESTful API handling high traffic with caching and query optimization.

- Integrated multiple payment gateways including Paystack, Flutterwave, and Stripe with webhook handlers.
- Designed and optimized PostgreSQL database schema for scalability and performance.
- Implemented AI-powered product recommendation engine using OpenAI embeddings and collaborative filtering.
- Developed admin dashboard with real-time sales analytics and inventory management.
- Established CI/CD pipelines with GitHub Actions, automated testing, and Docker containerization.
- Implemented SEO strategies achieving high Lighthouse scores and organic traffic growth.

Technologies: React 18, TypeScript, Node.js, Express, PostgreSQL, Redis, OpenAI API, Socket.io, GitHub Actions, Jest, Cypress, Docker, Stripe, Paystack, Flutterwave

Web Developer & Travel Technology Specialist - Roaming Travels (Travel Booking Platform Development)

Duration: June 2022 – February 2023

Summary: Developed and maintained a dynamic travel booking platform enabling users to search, compare, and book flights, hotels, and tour packages across African and international destinations with real-time data integration.

Responsibilities:

- Integrated third-party travel APIs (Amadeus, Skyscanner, Booking.com) for real-time pricing and availability.
- Built custom booking engine handling complex business logic for multi-leg flights and dynamic pricing.
- Implemented user authentication with JWT and social login, profile management, and personalized recommendations.
- Developed automated email notification system for bookings and promotions using Node.js and SendGrid.
- Created vendor portal with role-based access and real-time commission tracking.
- Optimized platform performance with image compression, lazy loading, CDN integration, and database indexing.
- Collaborated on A/B testing to improve user experience and conversion rates.

Technologies: Node.js, JWT, SendGrid API, Amadeus API, Skyscanner API, Booking.com API, Cloudflare CDN, Database indexing

Web Developer & Digital Wellness Platform Engineer - SerenHypnotherapy (HIPAA-Aligned Wellness Platform Development)

Duration: January 2022 – May 2022

Summary: Developed a HIPAA-compliant wellness platform for hypnotherapy practice featuring online session booking, secure video consultations, digital resource libraries, and client progress tracking.

Responsibilities:

- Built frontend with Vue.js 3 focusing on accessibility and user interface design.
- Implemented secure booking system with real-time availability and timezone handling integrated with Google Calendar and Calendly APIs.
- Developed client portal with secure document upload and encrypted storage ensuring data privacy compliance.
- Integrated Zoom API for video consultations with recording and transcription features.
- Built analytics dashboard for tracking booking trends and revenue metrics.



- Implemented SEO and content marketing strategies to increase organic traffic and client inquiries.
- Configured security measures including SSL/TLS, firewall, backups, and audits.

Technologies: Vue.js 3, Google Calendar API, Calendly API, Zoom API, SSL/TLS, SEO strategies

Web Designer & Digital Platform Manager - Weekly Source Newspaper (Digital Platform Management and Development)

Duration: November 2022 – Present

Summary: Architected and maintained the company's primary digital platform using WordPress and custom web technologies to ensure high availability, fast load times, and enhanced user engagement.

Responsibilities:

- Developed responsive, mobile-first UI/UX interfaces improving mobile traffic and reducing bounce rates.
- Created custom WordPress themes and plugins extending core functionality.
- Integrated third-party APIs for analytics, social media, and newsletters with custom dashboards.
- Implemented SEO strategies including schema markup and Core Web Vitals optimization.
- Established Git-based version control and automated deployment pipelines.
- Led cross-functional collaboration to deliver feature releases using Agile methodologies.
- Conducted security audits and implemented backup systems maintaining zero security incidents.

Technologies: WordPress, PHP, HTML5, CSS3, JavaScript, Google Analytics 4, Google Search Console, Mailchimp API, Git

SEO Specialist & Growth Strategist - Gida Concept (SEO and SEM Campaign Management)

Duration: January 2022 – Present

Summary: Designed and executed data-driven SEO and SEM campaigns across multiple platforms to increase organic traffic and improve domain authority for diverse clients.

Responsibilities:

- Managed Google Ads, Bing Ads, and social platform campaigns with monthly budgets over ₦500K.
- Built custom web analytics dashboards tracking 50+ KPIs for strategic decision-making.
- Conducted technical SEO audits and resolved critical site issues.
- Optimized on-page and off-page SEO elements to drive qualified organic traffic.
- Collaborated with content creators and developers to implement SEO best practices.
- Adopted AI-powered SEO tools to optimize content production workflows.

Technologies: Google Ads, Bing Ads, Google Analytics 4, SEMrush, Screaming Frog, Ahrefs, SurferSEO, Clearscope, Jasper AI

Graphics Designer - Gida Concept (Visual Asset Creation and UI Design)

Duration: January 2022 – Present

Summary: Created visual assets and UI mockups for clients across industries, ensuring



brand consistency and enhancing user engagement through high-quality design deliverables.

Responsibilities:

- Designed logos, illustrations, and marketing materials for 15+ clients.
- Produced high-fidelity UI mockups and wireframes for web and mobile applications.
- Created marketing collateral including social media graphics, banners, infographics, and brochures.
- Established design review workflows and quality assurance processes.

Full Stack Developer (AI-Powered SaaS Dashboard)

Summary: Architected a production-ready SaaS analytics dashboard featuring AI-powered content summarization and sentiment analysis to enable data-driven decision-making.

Responsibilities:

- Implemented AI features using OpenAI GPT-4 API with custom prompt engineering.
- Designed scalable RESTful API with JWT authentication and role-based access control.
- Built responsive frontend with React 18 and interactive data visualization using Recharts.
- Containerized application with Docker and deployed on Vercel with CI/CD pipelines.
- Maintained high test coverage with unit, integration, and E2E tests.

Technologies: React 18, TypeScript, Node.js, Express, PostgreSQL, Prisma, OpenAI API, Tailwind CSS, Recharts, JWT Auth, Docker, Vercel, Jest, Playwright

Full Stack Developer (E-Commerce Platform with AI Recommendations)

Summary: Developed a MERN stack e-commerce platform supporting 500+ products with AI-powered product recommendations and real-time inventory management.

Responsibilities:

- Integrated Stripe Payment Intents API for secure payment processing.
- Built AI recommendation engine using OpenAI embeddings and collaborative filtering.
- Implemented real-time order tracking and notifications with Socket.io and Redis.
- Designed cloud-based image management system with Cloudinary.
- Created admin panel with role-based permissions and sales analytics.

Technologies: MongoDB, Express, React, Node.js, Redux Toolkit, Stripe API, OpenAI API, Cloudinary, Socket.io, Redis, Render

Full Stack Developer (AI Chatbot Integration Platform)

Summary: Engineered a microservices-based platform enabling businesses to deploy custom AI chatbots trained on their own documentation and knowledge bases.

Responsibilities:

- Implemented RAG pipelines using LangChain, OpenAI embeddings, and Pinecone vector database.
- Built document ingestion pipeline supporting multiple formats with chunking and metadata extraction.
- Developed Next.js 14 frontend with Server Components and streaming responses.
- Deployed microservices on AWS EC2 with Docker Swarm and configured Nginx reverse proxy and SSL.
- Implemented log aggregation with CloudWatch.



Technologies: Next.js 14, FastAPI, Python, LangChain, Pinecone, PostgreSQL, Docker, AWS EC2, Nginx

Full Stack Developer (Real-Time Collaborative Task Manager)

Summary: Built a real-time collaborative task management application supporting multi-user workspaces with offline-first capabilities and PWA features.

Responsibilities:

- Leveraged Firebase Firestore for real-time database and Firebase Authentication for OAuth and email/password flows.
- Implemented drag-and-drop Kanban boards and instant synchronization across devices.
- Configured service workers and local storage caching for offline functionality.
- Enabled PWA capabilities including push notifications and background sync.

Technologies: Vue.js 3, Firebase, Firestore, Firebase Auth, Tailwind CSS, Pinia, Vite, PWA

EDUCATION

• **Bachelor of Science in Computer Science**

Relevant Coursework: Data Structures & Algorithms, Object-Oriented Programming (Java, Python), Database Management Systems, Software Engineering Principles, Computer Networks, Operating Systems, Web Development, Artificial Intelligence Fundamentals, Machine Learning Basics. Academic Projects: Built a student management system with CRUD operations and authentication; Developed a basic neural network for image classification using Python and TensorFlow. Active member of the university's Computer Science Society.
2019 – Expected 2026