

Isaac Olorunfemi

Senior Full Stack JavaScript Engineer

SUMMARY

- 7+ years of experience in full-stack development using Node.js, TypeScript, Vue.js, and PostgreSQL for scalable SaaS and AI-powered platforms.
- Skilled in database design, query optimization, and managing large-scale datasets for high-performance applications.
- Experienced in AI/LLM integration using OpenAI and Anthropic APIs for automation and intelligent workflows..
- Strong knowledge of algorithms, data structures, software architecture, and modern design patterns.
- Proficient in AWS, Azure, Docker, CI/CD, and cloud-native deployments for enterprise systems.

TECHNICAL SKILLS

Main Technical Skills	Node.js, TypeScript, JavaScript, Vue.js, PostgreSQL
AI Tools & Assistants	Claude
Programming Languages	JavaScript, TypeScript
AI & Machine Learning	Claude, OpenAI
JavaScript Frameworks	Node.js, Nuxt, Vue.js
JavaScript Libraries and Tools	Pinia, Vuex
Salesforce Ecosystem	SalesForce Workflow
Databases & Management Systems / ORM	MySQL, PostgreSQL, Redis
UI Frameworks, Libraries, and Browsers	Material UI
Cloud Platforms, Services & Computing	Azure, GCP
Amazon Web Services	AWS EC2, AWS Lambda, AWS S3
Azure Cloud Services	Azure VM
Deployment, CI/CD & Administration	CI/CD
Virtualization, Containers and Orchestration	Docker
Version Control	Github Actions

SDK / API and Integrations	GraphQL
Methodologies, Paradigms and Patterns	microservices, REST, Solution Architecture Design
Platforms	Microsoft Power Platform
Blockchain and Decentralized Software	Optimism
Web/App Servers, Middleware	SPA
Other Technical Skills	logical analyzers, Partial Signatures, PL/v8, RDS, Unreal Engine

WORK EXPERIENCE

Senior Full-Stack JavaScript Engineer (Freelance) (Enterprise AI Workflow Deployment Platform)

Duration: 2018 — Present

Summary:

- Developed a Node
- js/TypeScript backend and Vue
- js frontend platform enabling enterprise clients to configure and deploy custom AI agents and document-processing workflows
- The platform supports complex AI workflow automation tailored for enterprise needs

Responsibilities:

- Architected and delivered full-stack platforms from scratch, owning design decisions and feature delivery.
- Built integration layers between SaaS platforms and client CRMs, ERPs, and internal APIs.
- Integrated LLM-based AI features using OpenAI and Anthropic APIs for AI workflow automation and natural-language data processing.
- Designed and optimized PostgreSQL schemas and queries for complex enterprise data models.
- Optimized Node.js performance by profiling event loop bottlenecks and improving async concurrency.
- Led technical discussions with non-technical stakeholders to explain architecture and implementation.
- Deployed solutions on AWS and Azure, built CI/CD pipelines with GitHub Actions, and containerized services with Docker.
- Contributed to open-source tooling and maintained developer documentation.

Technologies: Node.js, TypeScript, Vue.js 3, Nuxt.js, Pinia/Vuex, PostgreSQL, MySQL, Redis, AWS (Lambda, RDS, EC2, S3), Azure, OpenAI API, Anthropic API, Docker, GitHub Actions, CI/CD, Infrastructure as Code, REST, GraphQL, microservices



Senior Full-Stack JavaScript Engineer (Freelance) (SaaS CRM/ERP Integration & Customization Engine)

Duration: 2018 – Present

Summary:

- Implemented a configurable integration layer connecting SaaS platforms to client CRMs and ERPs, enabling custom field mappings, workflow triggers, and role-based access for hierarchical enterprise teams
- This engine facilitates seamless data exchange and process automation between enterprise systems

Responsibilities:

- Developed integration layers to connect SaaS platforms with various client CRMs and ERPs.
- Translated business requirements into modular, repeatable deployment patterns.
- Implemented custom field mappings, workflow triggers, and role-based access controls.
- Ensured scalability and maintainability of integration solutions across multiple clients.

Technologies: Node.js, TypeScript, REST APIs, PostgreSQL, SaaS platforms, CRM and ERP systems

Senior Full-Stack JavaScript Engineer (Freelance) (PostgreSQL Performance Engineering (50M+ row SaaS DB))

Duration: 2018 – Present

Summary:

- Addressed critical performance issues on a large-scale SaaS PostgreSQL database with over 50 million rows
- Applied advanced query optimization techniques to improve database responsiveness and scalability without altering the schema

Responsibilities:

- Analyzed and optimized complex SQL queries using EXPLAIN and ANALYZE tools.
- Implemented materialized views, partial indexes, and query restructuring to enhance performance.
- Managed connection pooling and monitoring-layer diagnostics beyond indexing.

Technologies: PostgreSQL, EXPLAIN, ANALYZE, materialized views, indexing, query optimization

Senior Full-Stack JavaScript Engineer (Freelance) (AI Document Intelligence Tool (LLM + Vue.js))

Duration: 2018 – Present

Summary:

- Developed an AI-powered document intelligence system that ingests enterprise knowledge bases and enables natural-language querying over structured and unstructured data
- The tool provides a clean Vue
- js interface designed for non-technical end users



Responsibilities:

- Integrated large language models (LLMs) to process and query enterprise knowledge bases.
- Designed and implemented a user-friendly frontend using Vue.js for natural-language interaction.
- Ensured seamless ingestion and indexing of diverse data types for effective querying.

Technologies: Vue.js, OpenAI API, Anthropic API, Node.js, TypeScript

EDUCATION

- **B.Sc. Computer Science**

algorithms, data structures, OS, database theory, discrete mathematics, and systems design

