

# Isaiah Francois

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## Professional Summary

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Senior Full Stack Engineer with 7+ years of experience designing and delivering scalable SaaS platforms and enterprise applications. Specialized in React, Next.js, TypeScript, Django, REST APIs, and cloud-native architectures on AWS and Azure. Proven track record of building high-performance systems, implementing CI/CD pipelines, optimizing application performance, and shipping reliable products in both startup and enterprise environments.

## Experience

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### Senior Full Stack Engineer

June 2024 – Present

*Disney*

*Lake Buena Vista, FL*

- Designed and implemented a scalable analytics platform for enterprise content forecasting using Next.js, Django, and Snowflake, integrating REST APIs and microservices-based backend services.
- Developed complex state management workflows using Jotai, Redux, and React Query to handle large-scale asynchronous data synchronization and real-time UI updates.
- Optimized application performance and reliability through performance profiling, bundle optimization (Rollup tree shaking), and monitoring with Datadog and New Relic.
- Built internal data tools and visualization utilities using Streamlit to support forecasting analysis and experimentation.
- Implemented end-to-end testing with Playwright and integrated CI/CD pipelines to ensure production stability and automated deployments.
- Collaborated within Agile/Scrum development cycles, participating in sprint planning, code reviews, and cross-functional architecture discussions.
- Stack: Next.js, React, TypeScript, Jotai, Redux, React Query, Django, AWS, Snowflake, Datadog, New Relic, Streamlit, Playwright, CI/CD

### Lead Web Engineer

April 2023 – June 2024

*MassVirtual*

*Orlando, FL*

- Led full-stack development of a scalable Learning Management System (LMS) using Vue.js and Python, integrating RESTful services and modular backend architecture.
- Designed secure authentication workflows and role-based access control (RBAC) to support military training systems and internal tooling.
- Improved system throughput and optimized API performance, reducing module deployment time from weeks to hours through workflow automation and platform improvements.
- Collaborated in an Agile/Scrum environment using JIRA and Confluence to manage sprint cycles, releases, and cross-team alignment.
- Stack: Vue.js, Pinia, Python, REST APIs, RBAC, Agile, JIRA, Confluence

### Lead Front-End Engineer

February 2021 – April 2023

*SoSha*

*Remote*

- Built an AI-driven SaaS platform using Next.js and TypeScript with secure authentication (JWT), API integrations, and scalable frontend architecture.
- Developed embedding pipelines and backend services that increased Monthly Recurring Revenue (MRR) by 283% and daily engagement by 733%.
- Implemented subscription management workflows and optimized client-side performance to support rapid user growth and improved retention.
- Stack: Next.js, React, TypeScript, REST APIs, Redux, JWT, SaaS Architecture

### Front-End Engineer

October 2020 – December 2020

*Department of Defense (Externship)*

*Remote*

- Developed a mobile app that enabled users to manage and assign work orders across buildings and bases, streamlining operational workflows and improving task assignment efficiency.
- Stack: React Native

### Team Lead

October 2019 – July 2020

*Bloom Institute of Technology*

*Remote*

- Mentored 10+ students through code reviews and technical coaching, improving problem-solving ability and readiness for software engineering roles.
- Provided regular feedback and guided implementation of web applications using modern JavaScript frameworks and backend fundamentals.
- Stack: React, Node.js, Java, Express

## Projects

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### FinanceFlow

2025 – Present

<https://www.financeflow.dev/>

*Creator & Full Stack Engineer*

- Architected and deployed a production SaaS financial analytics platform using Next.js and TypeScript with scalable cloud deployment.
- Implemented secure authentication and role-based access control (RBAC) with OAuth flows and session management.
- Integrated third-party financial APIs and built RESTful backend services with PostgreSQL using Prisma and Drizzle ORM for schema modeling and migrations.
- Designed subscription billing infrastructure with Stripe (webhooks, checkout, customer portal) supporting recurring revenue workflows.
- Leveraged Firebase services for authentication and real-time data features across development environments.
- Implemented CI/CD pipelines and automated deployments to ensure production reliability and version control discipline.
- Stack: Next.js, React, TypeScript, PostgreSQL, Prisma, Drizzle, Firebase, Stripe, REST APIs, OAuth, RBAC, CI/CD

## Technical Skills

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**Frontend:** React, Next.js, TypeScript, JavaScript (ES6+), Tailwind CSS, Redux, Jotai, React Query, Vue.js

**Backend:** Django, Node.js, Express, REST APIs, Microservices, API Design

**Databases & ORM:** PostgreSQL, Snowflake, MongoDB, Firebase, Prisma, Drizzle ORM, SQL

**Authentication:** OAuth, JWT, Role-Based Access Control (RBAC)

**Cloud & DevOps:** AWS, Azure Gov Cloud, Docker, CI/CD, GitLab CI, Vercel

**Monitoring & Observability:** Datadog, New Relic

**Testing:** Playwright, Jest, Cypress, End-to-End Testing

**Data & Analytics:** Streamlit, Data Visualization, Performance Optimization

**Tools:** Git, GitHub, GitLab, JIRA, Confluence, Figma