

SARAH NDOM

Software Engineer | Full-Stack Engineer | AI Engineer

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PROFESSIONAL PROFILE

Full-Stack Software Engineer and AI Engineer focused on building scalable web applications, SaaS platforms, and AI-powered products from concept to production.

Experienced across frontend engineering, backend development, API architecture, database design, authentication systems, cloud deployments, workflow automation, and Large Language Model (LLM) integrations.

Skilled at transforming product ideas into production-ready software by combining modern frontend technologies with scalable backend infrastructure and AI capabilities.

Built and deployed multiple real-world applications including streaming platforms, marketplaces, AI-powered SaaS products, automation systems, and business solutions.

Strong product ownership mindset with experience leading projects through architecture, development, deployment, optimization, and continuous improvement.

TECHNICAL EXPERTISE

Languages

- JavaScript (ES6+)
- TypeScript
- Python
- HTML5
- CSS3

Frontend Engineering

- React
- Next.js
- Redux Toolkit
- Tailwind CSS
- Vite
- Bootstrap
- Responsive Design
- Accessibility (WCAG/A11Y)
- Performance Optimization

Backend Engineering

- Node.js
- Express.js
- FastAPI
- REST APIs
- API Design & Integration
- Authentication Systems
- Authorization & RBAC
- Supabase Edge Functions
- Background Processing
- Webhooks

Databases & Infrastructure

- PostgreSQL
- Supabase
- Firebase
- Redis
- Database Design
- Row Level Security (RLS)

AI Engineering

- OpenAI API
- Anthropic Claude API

- LLM Integration
- Prompt Engineering
- AI Workflow Automation
- AI Search Systems
- Retrieval-Augmented Workflows
- Content Generation Systems
- AI Product Development

DevOps & Cloud

- Git
- GitHub
- GitHub Actions
- Docker
- CI/CD Pipelines
- Vercel
- Netlify

Tools

- VS Code
- Postman
- Chrome DevTools
- Figma



PROFESSIONAL EXPERIENCE

Full-Stack Software Engineer

ScreenerHQ | Remote

April 2025 – Present

- Developed and shipped AI-powered product features using OpenAI APIs and LLM-driven workflows.
- Built reusable React and TypeScript component systems that improved maintainability and development velocity.
- Improved application performance through code splitting, lazy loading, caching strategies, and frontend optimization.

- Designed and integrated backend APIs supporting AI-driven workflows and user-facing features.
- Implemented automated deployment pipelines using GitHub Actions and CI/CD best practices.
- Diagnosed and resolved cross-browser compatibility issues across Chrome, Firefox, Safari, and Edge.
- Managed production deployments, monitoring, and application maintenance on Vercel.

Software Engineer

Xerax Labs Inc. | Hybrid

Mar 2023 – Feb 2025

- Developed production-ready web applications using React and TypeScript.
- Integrated frontend systems with backend APIs and external services.
- Built dashboards, onboarding systems, multi-step workflows, and interactive user interfaces.
- Contributed to mobile-first UI improvements that enhanced usability across devices.
- Collaborated using Git workflows, pull requests, code reviews, and agile methodologies.
- Investigated and resolved frontend and backend integration issues.

SELECTED PROJECTS

StarFlix — Full-Stack Streaming Platform

React • TypeScript • Supabase • PostgreSQL • Edge Functions • Tailwind CSS

- Independently designed, developed, and deployed a complete streaming platform from scratch.
- Built a custom CMS and administrative dashboard for content management and scheduled releases.
- Implemented authentication, secure user management, and role-based access control.
- Developed a fullscreen media player supporting both YouTube and direct MP4 streaming.

- Implemented offline downloads using IndexedDB to improve accessibility and user experience.
- Built AI-powered search functionality that prioritizes platform content before external sources.
- Integrated biometric authentication and secure backend workflows.
- Managed frontend architecture, backend systems, database design, deployment, and maintenance as the sole developer.

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VidMints — AI-Powered Content Creation Platform

Next.js • TypeScript • Python • FastAPI • OpenAI • Claude • Redis

- Built a full-stack AI SaaS platform for content generation, media workflows, and automation.
- Developed AI-assisted video generation, image workflows, captions, content transformation, and creative automation tools.
- Implemented authentication, subscriptions, credit systems, usage tracking, and user management.
- Integrated multiple AI providers and LLM APIs for advanced content generation workflows.
- Designed scalable backend services supporting asynchronous processing pipelines.
- Built responsive dashboards, analytics interfaces, and workflow management systems.
- Developed media download systems supporting video and audio export workflows.
- Implemented production-grade API integrations, monitoring, and operational tooling.

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Able Enterprises — Electronics Marketplace

Next.js • TypeScript • Supabase • PostgreSQL • Tailwind CSS

- Developed a production-ready marketplace platform for buying and selling electronics.
- Built product listing, search, filtering, and inventory management workflows.
- Integrated backend services and real-time product updates.
- Implemented SEO-friendly routing and responsive user interfaces using Next.js.
- Focused on performance, scalability, and commercial usability.

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QuickEats — Food Delivery Platform

React • Redux Toolkit • Firebase

- Built a food ordering application with persistent shopping cart functionality.
 - Implemented authentication and real-time user interactions.
 - Managed application-wide state using Redux Toolkit.
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NexTask — Project Management Platform

Next.js • TypeScript • Supabase

- Developed a Kanban-style project management system.
 - Implemented drag-and-drop workflows and task organization features.
 - Added real-time collaboration using Supabase subscriptions.
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PROFESSIONAL DEVELOPMENT

Meta Front-End Developer Professional Certificate

Anthropic Prompt Engineering Practitioner

FreeCodeCamp

- Responsive Web Design
 - JavaScript Algorithms & Data Structures
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ADDITIONAL INFORMATION

- End-to-end product development from concept to production.
- Experience building SaaS platforms, AI-powered applications, and full-stack systems.

- Strong understanding of frontend architecture, backend services, and scalable application design.
- Experience integrating Large Language Models into real-world user workflows.
- Comfortable working independently or collaboratively within distributed teams.
- Open to Software Engineering, Full-Stack Engineering, AI Engineering, and Backend Engineering opportunities.