Sami Bentaiba

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Summary

Software Engineer

I'm a software engineer who evolved from a computer science student into a full-stack developer, then into a software architect and team lead. My journey has taken me through every stage of software creation — from learning computer fundamentals, algorithms, and system design, to mastering multiple programming languages and building complete software solutions. As an architect, I learned to design and implement scalable patterns and system plans, and as an operator, I developed workflows and maintenance strategies to ensure long-term software quality. Through this continuous growth, I've become a software engineer capable of planning, creating, and improving entire systems — bridging the gap between development, architecture, and operational excellence.

Skills

Frontend Development

React (3 years): React is a JavaScript library for building user interfaces. I've used React extensively to build single-page applications, focusing on component-based architecture and state management with hooks and context API.

Next.js (2 years): Next.js is a React framework that enables server-side rendering and static site generation. I've used Next.js to build performant and SEO-friendly web applications, leveraging its file-based routing system and API routes.

TypeScript (2 years): TypeScript is a strongly typed programming language that builds on JavaScript. I use TypeScript in all my projects to ensure type safety and improve developer experience with better tooling and documentation.

Tailwind CSS (2 years): Tailwind CSS is a utility-first CSS framework. I use Tailwind CSS to rapidly build custom designs without leaving HTML, focusing on responsive design and component consistency.

Backend Development

Node.js (3 years): Node.js is a JavaScript runtime built on Chrome's V8 JavaScript engine. I've used Node.js to build RESTful APIs, microservices, and server-side applications, focusing on performance and scalability.

Express (3 years): Express is a minimal and flexible Node.js web application framework. I've used Express to build RESTful APIs and web servers, with a focus on middleware architecture and routing.

PostgreSQL (2 years): PostgreSQL is an advanced, open-source relational database. I've used PostgreSQL for data storage in various applications, leveraging its robust features for complex queries and data integrity.

Prisma (1 year): Prisma is a next-generation ORM for Node.js and TypeScript. I use Prisma to interact with databases, taking advantage of its type-safety and intuitive API for database operations.

DevOps & Tools

Git (4 years): Git is a distributed version control system. I use Git daily for version control, collaboration, and managing code changes across projects.

Docker (2 years): Docker is a platform for developing, shipping, and running applications in containers. I use Docker to create consistent development environments and simplify deployment processes.

GitHub Actions (1 year): GitHub Actions is a CI/CD platform integrated with GitHub. I use GitHub Actions to automate testing, building, and deployment workflows for my projects.

Vercel (2 years): Vercel is a deployment and collaboration platform for frontend developers. I use Vercel for deploying and hosting web applications, taking advantage of its serverless functions and edge network.

Experience

Senior Frontend Developer
Tech Innovations Inc.
Jan 2022 - Present · Remote

• Redesigned the dashboard UI, improving user engagement by 25%

• Implemented a new authentication system with SSO support

• Created a component library used across multiple products

Frontend Developer
WebSolutions Co.
Mar 2020 - Dec 2021 · New York, NY

• Built an e-commerce platform for a fashion retailer

• Developed a patient portal for a healthcare provider

• Created an interactive dashboard for a financial services company

Web Development Intern
Digital Creatives
Jun 2019 - Feb 2020 · Boston, MA

• Developed a portfolio website for a local photographer

• Created a WordPress site for a restaurant with online ordering capabilities

• Assisted in building a landing page for a mobile app startup

Projects

E-commerce Platform (Next.js, React, TypeScript, Tailwind CSS, Stripe)
Building this e-commerce platform was a great experience in integrating third-party APIs like Stripe and managing global state for the shopping cart. I focused on creating a clean, responsive UI and a secure checkout process.
https://example-ecommerce.vercel.app
https://github.com/samibentaiba/ecommerce

ITC Hub (Next.js, React, TypeScript, Tailwind CSS, shadcn/ui, Prisma, PostgreSQL, Next-Auth, React Hook Form, Zod, Nodemailer, Recharts)
Developing ITC Hub was a deep dive into full-stack Next.js development. The biggest challenge was designing the relational database schema with Prisma to handle complex relationships between users, departments, teams, and tickets. Implementing role-based access control (RBAC) with Next-Auth was a critical feature to ensure data security. This project solidified my skills in building secure, scalable, and data-intensive web applications.
https://itc-hub.vercel.app
https://github.com/samibentaiba/itc-hub

iShowOff (Go, GitHub Actions, CLI)
This was my first major project in Go. I learned a lot about handling OS-specific APIs, managing dependencies in Go, and setting up a CI/CD pipeline with GitHub Actions to compile and release binaries for Windows, macOS, and Linux.
https://github.com/samibentaiba/ishowoff

Education

B.S. in Computer Science

University of Technology, 2015-2019