

Sami Bentaiba

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Summary

Software Engineer

I'm a passionate and fast-learning software engineer and student who, within one year, has mastered full-stack web development using both JavaScript, Java and PHP. Currently, I'm expanding my skills into desktop and mobile application development, along with a deep focus on building software services across multiple platforms. My drive to continuously learn and adapt allows me to tackle new technologies quickly and effectively.

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-e-commerce.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)