

Spruce Emmanuel

API PRD Writer & Technical Documentation Specialist

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- 📖 [My Technical Blog](#)

About Me

Hi, I'm Spruce! I love making complicated tech ideas simple and easy to understand. With over 7 years in web development and a passion for technical writing, I enjoy crafting clear API specs and documentation that everyone can follow.

Skills

- **API Docs & Design:** I'm comfortable with Markdown, OpenAPI/Swagger, JSON Schema, and tools like Postman and Stoplight. I build RESTful APIs that are easy to use, with solid error handling and clear instructions.
- **Backend Basics:** I understand data modeling, both relational and non-relational databases, and how to integrate APIs smoothly.
- **Frontend Fun:** I build apps using JavaScript (ES6+), TypeScript, React, Next.js, HTML5, CSS3, and Tailwind CSS.
- **Tools of the Trade:** Git, Webpack, Vite, Redux, Figma, draw.io, and Lucidchart help me get things done efficiently.
- **Teamwork & Communication:** I love writing tech docs that make sense and working with teams to bring ideas to life.

Experience

Freelance Frontend Developer & API Documentation Consultant

Self-Employed 2017 – Present
Since 2017, I've been freelancing, creating cool projects and writing detailed API docs. Here's what I've been up to:

- Built **use-search-react**, a handy React hook that comes with clear API integration tips.
- Wrote up detailed API specs and docs to keep everything straightforward.
- Developed responsive web apps with React and Next.js, always thinking about smooth backend integration.
- Collaborated with other devs to nail down RESTful API integrations with clear business logic.

ContentLab

Frontend Developer & Technical Collaborator Apr 2022 – Present
At ContentLab, I helped design over 50 interactive UI components and worked with teams to create and refine API docs. I also updated our internal guides to ensure everyone's on the same page.

Professional Data Skills

Frontend Developer & API Integration Specialist
Here, I focused on:

Oct 2024 – Present

- Building dynamic interfaces that work with multiple APIs, while keeping the docs crystal clear.
- Defining data schemas and collaborating on backend processes to keep the API lifecycle smooth.
- Enhancing system reliability by setting up solid validation rules and explaining how different pieces work together.

Education

National Innovation Diploma, Computer Software Engineering

Complete Computer's Technology Institute
Graduated: 2023

Projects

- **use-search-react**
A React hook I built for efficient search and filtering, complete with API integration guidelines.
Technologies: React, JavaScript, npm
Check it out on npm — [GitHub](#)
- **Next.js & Firebase Full Stack App**
A scalable web app using Next.js and Firebase. I created and documented API endpoints with OpenAPI specs to ensure everything was clear and reliable.
[GitHub](#)
- **Learn REST APIs: JavaScript Project**
This article on freeCodeCamp shows how to build REST APIs with JavaScript. I cover best practices in API docs, endpoint design, and error handling.
[Read the article](#)
- **React Search Component**
A reusable search component built with React and TypeScript, designed for dynamic performance and easy integration.
[GitHub](#)

Certifications

- **JavaScript Algorithms and Data Structures** - freeCodeCamp
- **Responsive Web Design** - freeCodeCamp
- **Google Analytics for Beginners** - Google

Community Involvement

I love giving back to the community. I contribute to open-source projects, share tips on API integration in developer forums, and mentor junior developers. Plus, I often post my thoughts on technical writing and API docs on my blog.

Get in Touch

If you want to chat or work together, just drop me an email or connect with me on LinkedIn.