Bogdan Fotescu

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I am a fast learner. Passionate about all kinds of tech and building meaningful stuff that adds value to the end user. Curiosity, a growth mindset and thirst for new knowledge is what drives me.

Experience

BlockTac - Software Engineer

August 2023–Present

- Responsible for both maintaining and advancing web projects utilizing Python, Flask, and Jinja, with MongoDB integration. Additionally tasked with the creation and upkeep of web projects employing React/Next/Supabase, among other technologies.
- Develop and issue blockchain-based certificates for a wide range of applications, enhancing product traceability and fraud prevention.
- Manage and configure SSL certificates, oversee server operations and domain settings, and handle DNS configurations and deployments.

Projects

[CheffyAI]

March 2023–May 2023

- CheffyAI is a hands-free, AI-powered cooking assistant that transforms cooking with personalized recipes and real-time guidance based on user preferences and ingredients.
- Offers voice-controlled, step-by-step cooking instructions through a user-friendly interface.
- Designed using a stack including Next.js and TypeScript for the frontend, leveraging OpenAI API and Stable Diffusion API for advanced AI interactions, and integrating Text-to-Speech and Speech-to-Text for an engaging, hands-free user experience. Hosted on Vercel with Supabase for backend database management.

[Vibez]

Aug 2022–Sep 2022

- Vibez is a PWA built with Next.js (React.js) and Tailwind.css on top of Spotify API, Unsplash API and Supabase.
- Enables users to discover and share new music through "vibes," with features for browsing, creating, and interacting with playlists and songs directly on the Vibez interface.

Education

FULLSTACKOPEN, Helsinki University, Online

May 2022 - July 2022

Helsinki University's course focused on building applications with ReactJS that use REST APIs built with Node.js.

- React, Redux, Node.js, TypeScript, MongoDB, PostgreSQL, GraphQL, Docker, CI/CD

CS50, Harvard University, Online

Jan 2022 - May 2022

Harvard University's introduction to the intellectual enterprises of computer science and the art of programming.

- Introduction to Computer Science, C, Python, SQL, Flask, Algorithms, Data Structures. HTML, CSS, JavaScript.

Skills

- **Proficient:** JavaScript, ReactJS, NodeJS, NextJS, TailwindCSS.
- **Familiar:** Python, C++, SQL, Flask, TypeScript.
- Native proficiency in **Spanish**, **Catalan** and **Romanian**. Professional proficiency in **English**.