

BRYCEN GABALDON

Senior Full Stack Engineer

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Summary

Experienced and goal-oriented Full Stack Developer with a track record of 7 years in crafting, enhancing, and refining web applications through MERN stack. Demonstrated expertise in consistently delivering top-tier software solutions, fostering collaboration across diverse teams, and successfully steering projects to fruition. Actively pursuing a dynamic role that allows me to apply my skills and make meaningful contributions to cutting-edge projects.

Experience

Lotus Labs

Senior Software Engineer

Remote

01/2022 - 10/2023

Achievements

- Developed a user interface for a chatbot utilizing **Next.js** and **Tailwind CSS**.
- Engineered a custom language model integrated with the **OpenAI** API and **Pinecone** for enhanced natural language processing capabilities.
- Applied a training feature through **Langchain**, enabling fine-tuning of the language model via manual input of questions and answers, uploading documents, or website scraping.
- Implemented **Agile** methodologies, including **Scrum** and **Kanban**, to enhance project management processes, improve team efficiency, and deliver software iteratively.
- Led the architectural design and implementation of a scalable EduTech platform, optimizing performance and flexibility for future enhancements.

XO Global LLC

Full Stack Engineer

Remote

04/2018 - 10/2021

Achievements

- Designed and developed a comprehensive private aviation network platform from scratch, allowing users to seamlessly book flights based on their specified departure and destination preferences.
- Utilized **Next.js**, **TypeScript**, **Redux**, and **SCSS** to construct diverse user interfaces supporting key features such as flight search and booking, KYC (Know Your Customer) verification, membership benefits, account management, and promo code functionality.
- Implemented a real-time chat system facilitating instant communication between the support team and customers, leveraging **Socket.io** for seamless and responsive interactions.
- Integrated a secure payment system based on credit card transactions.
- Established a robust backend infrastructure by configuring API endpoints and designing a database schema using **Nest.js**, **TypeORM**, and **PostgreSQL**.
- Set up the whole **CI/CD** pipeline, optimizing the software development workflow for increased efficiency and automated deployment to staging, QA, and production versions.

Epic Web Solutions

Web Developer

Phoenix, AZ

04/2016 - 03/2018

Achievements

- Built a front-end widget that is added as a single external script to an HTML page but works as a big library using vanilla **JavaScript** and **jQuery**.
- Developed and maintained modular, reusable code using **HTML5**, **CSS3**, and JavaScript frameworks such as **React.js** and **Vue.js**.
- Worked in a Scrum team using **Github**, **Slack**, and **Trello** for team collaboration.
- Collaborated with the design team to implement website layouts and user interfaces based on wireframes and design mockups.
- Worked closely with back-end developers to integrate front-end components with server-side logic using **REST APIs**.

Education

Arizona State University

Bachelor's degree in Computer Science

2011 - 2015

Skills

React.js · Redux · Javascript · Typescript · Vue.js · Nodejs · Express.js · Nest.js · Restful API · GraphQL · WebSocket · Tailwindcss · SCSS · Python · OpenAI · Langchain · Pinecone · MongoDB · MySQL · PostgreSQL · TypeORM · Git · AWS · GCP · Agile · Jira · Trello