

Naasson Hazzard, Senior Full Stack Software Engineer

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Summary

Respectful self-motivator gifted at finding reliable solutions for software issues. Experienced Full Stack Developer with **6+** years of expertise in developing and launching **e-commerce** platforms, custom CRM systems, and scalable **microservices** architecture. Skilled in front-end and back-end development, leveraging **JavaScript** libraries like React and Vue to create dynamic user interfaces. Well-versed in JavaScript based server-side frameworks such as Node.js, Express.js and Nest.js, as well as **Python** based frameworks including **Django, Flask and FastAPI**. Demonstrated ability to collaborate effectively in team environments, contributing technical proficiency to drive project success.

Work Experience

Senior Full Stack Software Engineer

Dec 2022 – June 2024

Reducto, Remote – CA, US

- **Led a development team** to develop high-performance and user friendly website, which support AI Engineers to train and inference the LLM models, resulting in rapid user base growth and a significant increase of **5K increase in Twitter follows**.
- Constructed dynamic **dark-bright theme** functionality using react hooks such as **useContext** hook which adjust the interface's color scheme based ambient lighting conditions, ensuring optimal user experience for a diverse range of users.
- Implemented **robust security measures**, including **authentication mechanisms** and **AES data encryption**, to ensure comprehensive protection against common security vulnerabilities, unauthorized access and enhancing data security.
- Constructed Distributed Database using **RAID 10** architecture, increase data security and the speed of the query to Database.
- Utilized **Jest Frameworks** to conduct comprehensive unit and integration tests, ensuring the reliability and functionality.
- Developed a advanced and sophisticated chatbot leveraging **Coqui(Speech-to-Text)**, where I **customized Large Language Model(LLM)** and integrated the **Bark** model(Text-to-Speech), significantly enhanced user interaction and satisfaction.
- Leveraged knowledge in React, Next.js, Redux, TypeScript, React Hooks, Material UI, Jest, Node.js, REST APIs, MongoDB, cloud DB, Mocha, Coqui, Bark, LLM

Full Stack Developer

Sep 2019 - Nov 2022

Upsource Solutions, Hybrid, OR, US

- Utilized **Gradle & Webpack** extensively to construct the processes of both **microservices** and UI components, ensuring seamless integration them for **CI/CD** processes in collaboration with DevOps Team to leverage GitHub Actions effectively.
- Designed and implemented a **scalable MongoDB database architecture** utilizing **data modeling** and **query optimization** that enhanced the query speed by 20% and saved memory by 30% while maintaining system reliability and performance.
- Transformed and optimized RESTful APIs by integrating **FastAPI** into a website that handles **20 thousand concurrent requests**, significantly improving response times and scalability while ensuring robust performance and reliability.
- Actively participated in sprint planning, daily stand-ups, and retrospectives, contributing to the **Agile development process**.
- Leveraged knowledge in React, Vue, Node.js, Webpack, Github, Material UI, TailWind CSS, AWS, MongoDB, FastAPI

Junior/Middle Software Engineer

Aug 2017 - Aug 2019

Rackspace, TX, US

- Translated detailed design specifications and wireframes into high-quality code for landing pages for 5 new product concepts.
- Created accessible, **responsive**, and functional UI to allow visitors on any device to have the same perfect user experience.
- Improved reporting **speed of the internal analytics** team with a flexible **AJAX** communication technology by 24% through design and implementation of **RESTful API services** for the company's internal ERP system in **Laravel platform**.
- Enhanced **unit testing** coverage to 90% leading to 45% decline in production bugs using test automation.
- Leveraged knowledge in HTML, CSS, JavaScript, React.js, Vue, Express.js, Jest, Cypress, Python, Django

Education

Bachelor of Science (BS) in Computer Science

Sep 2013 – Aug 2017

The University of Texas at Dallas, TX, US

Skills

Language: C++, Python, HTML/CSS, JavaScript/TypeScript, Java, PHP Database: MySQL, PostgreSQL, MongoDB, Elasticsearch
Frameworks & Libraries: .NET, React/Redux, Vue.js, Node.js, Express.js, Next.js, FastAPI, Django, GraphQL, Laravel, Jest, Mocha
Development Tools & Environment: Git, Docker, Linux, Jira/Agile/Kanban, Github CI/CD
Technologies: SEO, Responsive Design, Object-oriented programming, TTS(Coqui), STT(Bark, OpenAI Whisper), LLM