Canberk Varli

Berkeley, California
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Skills

Programming Languages	Ruby, TypeScript, HTML, CSS, Python, Solidity
Frameworks/Libraries	Ruby on Rails, Hotwire, React, Redux, Node.js, Express, Flask, Hardhat
Databases	PostgreSQL, MongoDB, Mongoose
Other	Heroku, AWS, Docker, Netlify, Render, Alchemy(ERC20), React Native

Work Experience

Jr. Software Engineer   **Prevail Legal(startup)**   **2021–2023**
San Francisco, CA

- Implemented comprehensive functionalities for diverse user interactions, including User Authentication with Devise, CRUD actions for the flag system, and a refined version of the email system. Streamlined and minimized the codebase for improved efficiency, contributing to an enhanced user experience and substantial revenue growth, among other impactful initiatives.
- Pioneered the development of a high-performance transcript search functionality for content generated by Amazon Transcribe. This addition resulted in a remarkable 100% increase in search success rates, signifying a significant leap in user experience. The implementation not only addressed a critical user need but also played a vital role in contributing to an impressive boost in revenue.

Developer Experience and Evangelism Intern   **Microsoft**   **Summer 2017**
Istanbul, Turkiye

- Demonstrated proficiency in Microsoft software applications (Azure, Xamarin, ChatBot) while blogging regularly about emerging technologies (Machine Learning, Big Data, IoT) at http://canberkvarli.azurewebsites.net.
- Built and presented a Xamarin cross-platform mobile application during the Microsoft Open Academy Summer Camp, attracting an audience of Microsoft senior management and industry leaders.

Projects

- **Spark | MIDI Keyboard Synthesizer on a single webpage | (JavaScript, HTML/CSS) source, live**
  Designed an interactive single-page keyboard application using Web Audio API. Implemented sound generation with 25 keys and a filter feature for modifying frequency waves. Enhanced user experience with drum pads set to 120 bpm, creating a deep house background.
- **Sonar | A SoundCloud clone | (React/Redux, Rails) source, live**
  Developed a platform to remotely store artist tracks in the cloud via AWS S3. Created a dynamic track waveform for audio files and implemented a persistent play toggle. Implemented a search bar for users to find tracks by name.
- **Forest Library | A social network built with a team | (MERN) source**
  Led a team project, designed a captivating landing page to boost user engagement and account creation. Integrated Google Books API for book recommendations and implemented a review system.

Education and Certifications

- **B.Sc Software Engineering**, Bahcesehir University, Istanbul   **2014–2018**
- **Software Engineering,** App Academy, San Francisco.   **May 2021–July 2021**
- **Private Pilot,** Airwin Flight School, Budapest   **Summer 2019**