

Canberk Varli

SOFTWARE ENGINEER

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TECHNICAL SKILLS

LANGUAGES: Ruby, TypeScript, Python, HTML, CSS, Solidity
FRAMEWORKS & TOOLS: Ruby on Rails, Hotwire, Next.js, React Native, Express.js, Redux, Hardhat

DATABASES: PostgreSQL, MongoDB, Neo4j,
OTHER: AWS, Docker, Firebase, Render, Alchemy (ERC20)

PROJECTS

- SONAR - SoundCloud clone** >> *Ruby on Rails, Reactjs, Redux* [Code](#) > [Live](#)
- Developed a platform for artists to store tracks remotely via AWS S3.
 - Designed dynamic audio waveforms and persistent playback features for seamless user interaction.
 - Implemented a robust search functionality for track discovery by name.
- SPARK - Web MIDI Keyboard Synthesizer** >> *JavaScript, Web Audio API* [Code](#) > [Live](#)
- Built an interactive sound synthesis webpage with 25 keys and frequency filter controls.
 - Added drum pads at 120 BPM to enrich user experience with a deep house background.
- FOREST LIBRARY - Social Network** >> *MERN stack* [Code](#) > [Live](#)
- Led a team to design an engaging landing page to boost user engagement..
 - Built a CRUD system for users to upload their books.

WORK EXPERIENCE

- Lawrence Berkeley Guest House** >> *Front Desk Manager Assistant* > Berkeley, CA **June 2024 - current**
- Streamlined workflows using Autohotkey scripts, reducing administrative workload by 40%.
 - Ensured smooth operations and improved customer satisfaction through efficient scheduling and guest relations.
- Prevail Legal ([prevail.ai](#))** >> *Software Engineer* > San Francisco, CA **May 2021 – September 2023**
- Contributed to the development of an AI-powered web platform transforming the legal transcription industry.
 - Enhanced critical functionalities such as real-time search and indexing, leveraging Amazon Transcribe to improve transcript retrieval accuracy and speed.
 - Reduced search failure rates, resulting in a 2x increase in successful searches, directly boosting customer retention and revenue.
 - Optimized the authentication system and user workflows for better scalability and performance.
- Microsoft** >> *Software Engineering Intern* > Istanbul, Turkiye **Summer 2017**
- Developed a Xamarin cross-platform mobile app showcased to senior leadership.
 - Authored a [blog](#) on emerging technologies like Machine Learning, Big Data, and IoT to engage developers.

EDUCATION

- APP ACADEMY** >> App Academy >> San Francisco **Completed May 2021**
- BAHCESEHIR UNIVERSITY** >> *Bachelor of Science in Software Engineering* >> Istanbul, Turkiye **2014-2018**
- AIRWIN FLIGHT SCHOOL** >> *Private Pilot Training* >> Budapest, Hungary **Summer 2019**