

Canberk Varli

SOFTWARE ENGINEER

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TECHNICAL SKILLS

LANGUAGES: Ruby, TypeScript, Python, HTML, CSS, Solidity **DATABASES:** PostgreSQL, MongoDB,
FRAMEWORKS & TOOLS: Ruby on Rails, Next.js, Flask, **OTHER:** AWS, Docker, Firebase, Render, Alchemy (ERC20)
React Native, Express.js, Mongoose, Redux, Hardhat

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.
- Managed Berkeley Lab merchandise sales, including restocking, organizing inventory, and assisting customers with purchases.

Prevail Legal ([prevail.ai](#)) >> *Software Engineer* > San Francisco, CA **September 2021 – May 2024**

- Contributed to the development of an AI-powered legal transcription platform by integrating Amazon Transcribe for real-time search and indexing, which doubled successful search outcomes and boosted revenue.
- Secured authentication and streamlined user workflows by customizing Devise, applying Rails best practices to optimize controllers and models, and efficiently resolving bug fixes and feature requests.
- Revamped the email notification system across multiple scenarios to reduce response times by 15%.
- Engineered a search feature—mirroring CMD+F functionality—that enabled rapid navigation within large datasets; initial throttle optimizations followed by CSS refinements improved search responsiveness by 30%.

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.
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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.
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EDUCATION

APP ACADEMY >> App Academy >> San Francisco **Completed Aug 2021**

BAHCESEHIR UNIVERSITY >> *Bachelor of Science in Software Engineering* >> Istanbul, Turkiye **2014-2018**

AIRWIN FLIGHT SCHOOL >> *Private Pilot Training* >> Budapest, Hungary **Summer 2019**