

# Canberk Varli

## SOFTWARE ENGINEER

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415-769-8292 | canberkvarli@gmail.com | Berkeley, CA | [LinkedIn](#) | [GitHub](#) | [Portfolio](#)

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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

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### 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

**EUNOIA - MyMind clone** >> *Nextjs, Prisma* [Code](#) > [Live](#)

- Developed a dynamic note-taking platform enabling users to create, organize, and tag notes.
- Integrated secure OAuth authentication via NextAuth and enhanced UX with smooth animations from Framer Motion and responsive design using Tailwind CSS.

**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

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

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