

Skills

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| Programming Languages | Ruby, TypeScript, JavaScript, 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, Flutter |

Work Experience

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| Jr. Software Engineer | Prevail Legal(startup) San Francisco, CA | 2021–2023 |
| <ul style="list-style-type: none">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. | | |

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| Developer Experience and Evangelism Intern Summer 2017 | Microsoft Istanbul, Turkiye |
| <ul style="list-style-type: none">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