# Canberk Varli

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## SKILLS

JavaScript, React, Redux, HTML, CSS, Ruby, Ruby on Rails, Mongoose, MongoDB, Node.js, Express.js, SQL, SQLite3, PostgreSQL, Webpack, jQuery, Git, Heroku, AWS

## PROJECTS

**Spark** | MIDI Keyboard Synthesizer on a single webpage | *(JavaScript, HTML/CSS)*          **live** | **github**
- 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 120bpm, creating a deep house background.

**Sonar** | A SoundCloud clone | *(React/Redux, Rails)*          **live** | **github**
- 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 - MongoDb, Express.js, React/Redux, Node.js)*          **live** | **github**
- 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.

## EXPERIENCE

**Junior Software Engineer**
Prevail Legal                                                          *28th of* March 2022 – 12th of September 2023
Designed and implemented various features for a digital testimony platform.
- Developed a transcript search functionality, contributing to revenue generation. Transcripts are generated via AI speech capture from Amazon Transcribe..
- Improved codebase with advanced Rails techniques, emphasizing thinner controllers and fat models.

**Developer Experience and Evangelism Intern**
Microsoft                                                          Jul 2017 – Aug 2017
- Gained expertise in Microsoft software applications such as Azure, Xamarin, ChatBot, while exploring emerging technologies and concepts like Machine Learning, Big Data, and IoT.
- Built and presented a cross-platform mobile application during the Microsoft Open Academy Summer Camp, involving technical and soft skill training.

## EDUCATION

**AppAcademy** -  2021
- Highly selective web development program with a 3% acceptance rate and 1000-hour curriculum.

**Hungary Airwin Flight School** - 2019
- Explored various flying techniques and expanded knowledge of aviation concepts..

**Istanbul Bahcesehir University** 2014-2018
- Bachelor of Science in Software Engineering