

Canberk Varli

SOFTWARE ENGINEER | PRODUCT BUILDER | PERFORMER

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TECHNICAL SKILLS

Backend:	Ruby on Rails, Express.js, Ruby, Python, RESTful APIs, React Native,
Frontend:	Next.js, React.js, TypeScript, Redux, Tailwind CSS, OpenAI, LangChain,
AI/ML:	Groq, Pinecone, Prompt Engineering
Databases:	PostgreSQL, MongoDB, Redis, ChromaDB
DevOps & Cloud:	AWS, Docker, Firebase, GCP, GitHub Actions, Render, Expo

WORK EXPERIENCE

- Software Engineer** Sept 2021 – May 2024
Prevail Legal AI >> San Francisco, CA
- Integrated Amazon Transcribe API enabling audio legal document transcription and searchable transcript indexing for enterprise law firm clients
 - Built Rails authentication system with role-based access control using Devise, supporting secure multi-tenant data isolation and regulatory compliance
 - Redesigned email notification system architecture to reduce delivery failures and improve system reliability
 - Optimized PostgreSQL queries and implemented Redis caching for document search feature, significantly improving search performance

- Software Engineering Intern** Summer 2017
Microsoft >> Istanbul, Turkey
- Developed Xamarin cross-platform mobile app showcased to senior leadership
 - Authored technical blog on emerging technologies (Machine Learning, Big Data, IoT)

PROJECTS

Fullcircle – Wellness Community & Dating Platform

React Native, Expo, Node.js, Firebase / [Code](#) > [Live](#) - [Waitlist](#)

- Founded mobile app connecting yoga, meditation, and wellness practitioners in underserved niche market
- Implemented user authentication, real-time Firebase messaging, profile matching, and community features
- Built complete end-to-end application with waitlist collecting interest; targeting App Store launch Q1 2026

Peacy – AI Agent Mediator for Group Chats

Python, LangChain, ChromaDB, PostgreSQL / [Code](#)

- Built AI mediator using OpenAI and Groq LLMs for context-aware responses in group conversations
- Implemented persistent conversation memory with ChromaDB vector database for semantic search and personalized interactions
- Automated conversation summarization and sentiment analysis using background job processing

Eunoia – Dynamic Note-Taking Platform

Next.js, Prisma, NextAuth, Tailwind CSS / [Live](#)

- Built full-stack note-taking platform with secure OAuth authentication and responsive design
- Implemented smooth animations and intuitive note organization with real-time search

Sonar – SoundCloud Clone

Ruby on Rails, React.js, Redux, AWS S3 / [Live](#)

- Built full-stack audio platform for artists with remote track storage via AWS S3 and dynamic waveform rendering
- Implemented search functionality and persistent playback for seamless user experience

EDUCATION

Bachelor of Science in Software Engineering

Bahcesehir University >> Istanbul, Turkey 2014-2018

Private Pilot Training

Airwin Flight School >> Budapest, Hungary Summer 2019