

# 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** 2014-2018  
Bahcesehir University >> Istanbul, Turkey

**Private Pilot Training** Summer 2019  
Airwin Flight School >> Budapest, Hungary