

# Orel Zilberman

## Software Engineer

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### About me

As a passionate software engineer, I strongly focus on Android mobile application development. I love programming and continuously seek opportunities to expand my knowledge and skills. I am dedicated to delivering high-quality work and leveraging my capabilities to create exceptional mobile apps.

### Characteristics

- Adaptable
- "Chutzpa"
- Agile mindset
- Strong critical thinking abilities
- Interpersonal communication skills

### Programming languages / Frameworks

#### General:

- JS/TS
- C#
- Python
- HCL

#### Front/Mobile:

- Kotlin, Jetpack Compose
- Swift, SwiftUI
- HTML, CSS
- React, Vue

#### Backend/Infrastructure:

- Node, Next.js, Express
- Serverless
- Terraform

#### Databases

- SQL/NoSQL

### Server/Cloud

- AWS
- Firebase
- Git

### Languages

- Hebrew - Native
- English - Fluent

### Education

2014-2018

B.Sc. in Software Engineering, Ort Braude

### Experience

*Ministry of Defense, Mafat Unit*

2018 - 2021

- Participated in developing a Todo application for creating and sharing tasks and task boards across departments.
- Led a team of developers in the end-to-end development of a Help Desk system to streamline request processes and reduce bureaucracy overhead. Collaborated closely with the team members to design and implement efficient solutions.
- Developed a dashboard for the Help Desk system to track daily activities and workloads.

*Constru*

2021-2022

- Contributed to the development and maintenance of the company's Android app.
- Collaborated with the product team to develop the iOS app from scratch. The app displays floor plans of projects' buildings, enables users to take pictures in different locations across the floor plans (integrating with a 3rd party camera), and uploads the images to S3. We utilized SVGs to enhance floor plan usage.

*Cynamics*

2022-

- Part of a full-stack team responsible for building a high-scale and reliable web app.
- Architecting solutions and taking ownership of features end-to-end. From DRs to infrastructure implementation (Terraform, AWS), Backend(Python/Node.js) and Frontend(React).
- An integral member of a full-stack development team, responsible for constructing a large-scale, dependable web application.
- Proficient in driving the complete development cycle - from architecting comprehensive solutions and writing detailed design documents (DRs) to hands-on infrastructure implementation with Terraform.
- Expertise in backend development with Python and Node.js and frontend design with React, showcasing

thorough ownership of end-to-end features.

*Freelance/Personal*

2019-

- 2.5 years of development of Communic-Aid. The app manages users' phone calls and enhances communication efficiency between the user and the caller. Utilized Serverless and AWS for the robust backend infrastructure along with Serverless Framework.
- Multiple Android stock market apps to help me track my stocks and make complicated calculations easy using Yahoo Finance's API.
- React Native app designed for tracking and managing users' books - both read and on their reading list. The app fosters a dynamic reading community by allowing users to follow their friends and receive notifications when they finish a book.
- React Native app designed to calculate a chess player's rating post-tournament. For this project, I effectively utilized and managed freelancers for certain aspects of the project while personally architecting and implementing the backend using Firebase Functions and Firestore.

