Orel Zilberman

Software Engineer

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Website, Linkedin, Github

About me

Passionate software engineer with a strong focus on mobile application development. I deeply 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.
- Built an app that displays floor plans of projects' buildings, enables users to take pictures in different locations across the plans (integrating with a 3rd party camera), and uploads the pictures to S3. Utilized SVGs to enhance floor plan usage.
- Developed a service using the Serverless framework and AWS to manage user settings for the apps.
- Implemented multiple front-end improvements using Vue.

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), 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.
- Developed a 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.