Barak Goren

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Full Stack Developer with strong front-end expertise, experienced in building scalable, production-grade systems and developer-focused infrastructure.

Experience

Full Stack Developer at **Oversight Group.** *(Software company)*   **10/2024 - Present**

- Designed and implemented end-to-end features across web and mobile applications, working closely with both frontend and backend layers in production environments.
- Shipped multiple versions that introduced major functional and architectural changes to live mobile applications serving 2,000+ active users.
- Delivered complex features to large-scale production systems serving over 300,000 users and handling more than 1,000 leads per month.
- Performed large-scale data scraping and ingestion to migrate substantial datasets into new database systems, handling complex data transformations and integrity constraints.
- Analyzed complex system and business logic issues directly with customers and designed technical solutions to address their requirements.
- Implemented pixel-accurate user interfaces based on detailed Figma designs, ensuring strict adherence to client design requirements.

Technical Knowledge

- Advanced frontend development with **React and Next.js (TypeScript)**, including complex state management at scale using **Redux** and **Zustand**, performance optimization, and maintainable component architecture.
- Hands-on experience building backend services with **Node.js** and **Express.js** using **TypeScript**, following best practices and scalable, high-level architecture principles.
- Hands-on work with **Prisma ORM** and **relational databases** (**PostgreSQL**, **MariaDB**), including schema design, migrations, and query optimization.
- Implemented **runtime validation and schema enforcement** using **Zod** across frontend and backend layers to ensure data consistency and prevent invalid states.
- Hands-on experience with **C#** and **ASP.NET Core** for building **RESTful APIs** using layered architectures.
- Multi-platform mobile development using **React Native** with TypeScript and **Expo**.
- End-to-end implementation of payments and subscription systems for mobile applications in production environments.
- Strong **Java** foundation from a Software Practical Engineering program, including OOP, Algorithms, Data Structures, and Design Patterns, with grades in the **95–100** range.
- Familiarity with additional languages like **Python** (full OOP course with final project), **PHP**, **C**, **JavaScript** (strong foundation) and **Dart**.

Education

Software Practical Engineering - Ariel Technical College

- Average of 94