Simon Fraiberg

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ABOUT ME

Computer Science graduate with a **strong foundation in full stack development**. Eager to apply **academic knowledge and project experience** in a full-time position. Enthusiastic about **learning new technologies**, adapting to challenges, and contributing to team success.

EDUCATION

Bar Ilan University
*BSc Computer Science — **GPA: 84***   *Oct. 2020 – Oct. 2024*

PROJECTS

Meeting Location Web App
- Finds optimal and personalized meeting locations for large groups
- Developed front end with **React** using **TypeScript**.
- Integrated **Google API** for precise mapping and live bussiness Info.
- Designed the backend with **Node.js** and **Express**, following **Clean Code Architecture**.
- Used **PostgreSQL** as database, utilizing **Prisma ORM** for efficient database management.
- Ensured code reliability with comprehensive testing using **Jest**.

Chatting App
- Built an **Android app** using **Java** and **Android SDK** and a **React** web app.
- Secured user communication with **JWT**-based authentication.
- Implemented real-time messaging using **Socket.IO** for seamless user interactions.
- Designed a scalable backend with **Node.js** and **MongoDB**.
- Optimized deployment with **Docker** using `docker-compose`.

Arkanoid Game
- Developed using **Java**, following **Object-Oriented Programming** principles.
- Implemented core features like collision detection, and multiple levels.
- Designed reusable and modular classes to enhance scalability and maintainability.

EXPERIENCE

Network Administrator
IDF   *Dec. 2017 – Aug. 2020*
- Managed **secure and reliable network infrastructure**.
- Provided **technical support** and ensured network security.

Help Desk
Discount Bank   *Sep. 2020 – Sep. 2021*
- Resolved **technical issues** with banking applications and platforms.
- Assisted customers using **remote desktop tools** and troubleshooting methods.

TECHNICAL SKILLS

Languages: JavaScript, TypeScript, Java, Python, SQL, C/C++, Assembly, HTML/CSS
Frameworks: React, Node.js, Express, Android SDK, Socket.IO, Jest
Databases: MongoDB, PostgreSQL
Computer Science: Data Structures, Algorithms, OOP, Design Patterns, Web Development, Operating Systems,Web services, JSON
Tools: Docker, Git, VS Code
UI/UX: TailwindCSS, Material-UI, Bootstrap