
Eli Harel

Full-Stack Software Engineer

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CS graduate and frontend developer focused on React, UI/UX, and clean code. Experienced in building responsive web apps and deploying full-stack projects. Quick learner with strong ownership and problem-solving skills. Former tank commander, awarded presidential honors.

TECHNICAL SKILLS

- **Frontend:** React, JavaScript, TypeScript, HTML, CSS, Tailwind CSS
- **Backend:** Node.js, Express.js, MongoDB, RESTful APIs
- **Other:** Git, VS Code, Java, C#

EXPERIENCE

Software Engineer – Ace Remodeling (Remote, CO) | 2025–Present

Architected a comprehensive internal CRM and financial platform using TypeScript and Google Apps Script, featuring domain-driven design and a sophisticated column-driven framework. Built real-time dashboards for lead tracking, revenue forecasting, and project financials across distributed PM teams. Implemented automated financial calculations, multi-file synchronization, and type-safe data processing. Managed full development lifecycle including monorepo architecture, build automation, and deployment pipelines via GitHub and clasp.

EDUCATION

Academic College of Tel Aviv - *Computer Science*

October 2018 - October 2022

Honors: Magna cum laude, 3.7 GPA, Dean's list.

Courses: Operating Systems, Algorithms, Computability & Complexity, C#, Design Patterns

CERTIFICATES

- The Web Developer Bootcamp, Udemy, 2024
- Git and GitHub Bootcamp, Udemy, 2024
- *(Ongoing)* Ultimate React Course 2025, Jonas Schmedtmann

HIGHLIGHTED PROJECTS

PizzaPalooza

- *React, Redux Toolkit, React Router, TypeScript, Tailwind CSS*
- Built a responsive pizza ordering web app with features like dynamic menus, cart management, order placement, and priority upgrades. Implemented modern architecture patterns using Redux Toolkit, action-based routing with React Router, and Tailwind CSS for clean UI styling.

GPUP. (Generic Platform for Utilizing Processes)

- *Java, JavaFX, Servlets, XML, Multi-threading*
- Designed and implemented a scalable, graph-driven task execution engine that models interdependent processes as a directed graph. Developed across three phases (CLI, JavaFX desktop, and web-based client-server app), the platform supports dynamic task execution with concurrency, fault recovery, resource constraints, and what-if analysis. Enabled users to visualize dependency graphs, simulate builds, and execute tasks in parallel with respect to graph structure and execution policies. XML-driven architecture, detailed logs, and real-time feedback rounded out a robust software engineering project.

Synchronized Calendar Generator

- *JavaScript, React, Node.js, Express.js, MongoDB*
- Collaborative calendar app for coordinating team events through conflict resolution and availability matching. Integrated Google Calendar for real-time syncing. Focused on backend scheduling logic, clean UI, and Git-based team workflow.

GitLite (Educational Git Recreation)

- *Java*
- Created a simplified version-control system to deepen understanding of Git's internals, including staging, committing, and branching. Emphasized file state management, graph traversal, and CLI simulation.

YelpCamp

- *JavaScript, Node.js, Express.js, MongoDB*
- Full-stack campground review app modeled after Yelp, featuring user authentication, session handling, geolocation via Mapbox, and CRUD functionality. Focused on REST API design, security, and deployment on Render.