

# Einav Ferrera

Software Developer | [Einavf4@gmail.com](mailto:Einavf4@gmail.com) | +972549792022 |  [Github](#)

Software developer with a B.Sc. in Computer Science and Full-Stack web development bootcamp, showcasing a diverse portfolio across multiple programming languages, complemented by a substantial background in project management.

## Experience

### 06/2023 - Today

Elbit

#### Software Development User Liaison

- Enhanced user debugging ability by 30% through optimized bug isolating workflows, driven by insights from direct client interactions and market research.
- Improved cross-functional team workflows, involving engineers, designers, and marketers, resulting in a 20% reduction in project timelines.
- Revamped code architecture, enhancing efficiency by strategically reorganizing sections to address core issues directly. Implemented robust code security concepts for heightened protection.




### 07/2014 - 09/2022

Israeli Air Force

#### Technical Project Team Lead

- Revitalized a stagnant project through deep user research and revolutionary data gathering methods, increasing data quality and quantity by 600%.
- Collaborated with development teams, achieving a 20% development cycle optimization by establishing shared vision and fostering a knowledge-sharing environment.
- Successfully led a team of 8 project managers overseeing 80 engineers to achieve project excellence.
- Led a 1 billion ILS project to operational excellence within one year, overcoming four years of unresolved challenges.
- Recognized dedication and contributions with Chief of Development of the IAF Excellence Award.
- Earning Chief of IAF Leading and Managing Excellence Award.
- As a UAV pilot and commander holding the rank of captain, I have honed my critical thinking skills and developed proficiency in rapid problem-solving.

## Projects

-  **"KOSEM"** - Developed a web-based application to efficiently solve shift assignment problems encompassing over  $2^{1000}$  possible states. Implemented highly complex data structures, databases, and algorithms to achieve optimal shift assignments.
-  **"Mush-Lab"** - Mushroom cultivation hub featuring humidity and temperature control with an adaptive algorithm. Engineered on Arduino and powered by C programming.
-  **Personal Webpage** - Developed a webpage utilizing HTML5, CSS, Javascript, Node, React, PostgreSQL, Web3 and DApps as a showcase of my UX design and coding skills, serving as a dynamic business card presentation. Site showcasing complex implementation of RESTful API, relational SQL databases and more.

## Education

2021 - 04/2024	<b>B.Sc Computer Science</b> The Open University - 85 GPA
2024	<b>Full-Stack Web developer</b> Udemy

## Skill Highlights

Personal	Technical
<ul style="list-style-type: none"><li>Action motivator</li><li>Innovative</li><li>Fast learner and adapter</li></ul>	<ul style="list-style-type: none"><li>Algorithm Design</li><li>Code Architecture Optimization</li><li>Big Data Processing Proficiency</li></ul>