BAR SHIROM
Full-Stack Developer

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Portfolio Website | GitHub | LinkedIn

About
Proactive Full-Stack Developer with expertise in **React, Node.js, and MongoDB**. Skilled at designing and delivering end-to-end web applications with clean, maintainable code. A fast learner and problem-solver, expanding into **TypeScript, Redux Toolkit, and Python**. Strong team player with a passion for building impactful, user-focused solutions.

Projects
Ray - A full-stack platform for helping stray cats in real time
Built with React, TypeScript, Leaflet, Redux Toolkit, Node.js, Express, MongoDB
Features: real-time reporting, interactive maps, media uploads (images/videos), role-based access
Designed scalable APIs and integrated **Cloudinary** for media storage

PetsAreTheBest - Pet-shop management web app
Full-stack e-commerce style application
Technologies: React, TypeScript, Redux Toolkit, Node.js, Express, MongoDB
Features: authentication (JWT), product/category management, orders, statistics dashboard

Work Experience
Survey of Israel - Security & Technology (2024 - Present)
Led security operations while independently building and deploying full-stack apps (*Ray, PetsAreTheBest*)
Expanded into Python and enrolled in **CS50's Introduction to Artificial Intelligence with Python**

Global Net - Sales Representative (2022 - 2024)
Managed customer relationships and drove sales targets
Completed intensive **Full-Stack Development studies at INT College** in parallel

Kumba - Customer Success Manager (2021 - 2022)
Supported users and resolved technical issues in collaboration with product/dev teams
Retrieved and analyzed customer data using SQL to improve reporting accuracy
Experience here sparked transition into software development

Skills
Frontend: HTML, CSS, JavaScript, TypeScript, React.js, React Native, Redux Toolkit
Backend: Node.js, Express.js, Python
Databases: MongoDB, MySQL, PostgreSQL
Tools & Platforms: Git, REST APIs, Vercel, Railway, Docker, Jira, Cloudinary

Education
CS50's Introduction to Artificial Intelligence with Python - Harvard University (100h), 2025 - present
Full-Stack Web Development - Yaniv Arad, Tech Training Labs (64h), 2024
Full-Stack Web Development - INT College, Institute of Innovation & Technology (564h), 2022 - 2023
Customer Success Program - Jolt.io, 2021
B.A. Political Science & International Relations - Open University of Israel, 2018 - 2022

Languages
Hebrew | English | French

Military Service
Commander, Golani Brigade (2010 - 2013)