

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 (**Demo** | **GitHub**)

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 (**GitHub**)

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)