

BAR SHIROM

Full-Stack Developer

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Portfolio Website | GitHub | LinkedIn

About

Proactive **Full-Stack Developer** with hands-on experience in **React, TypeScript, Node.js, MongoDB**, and a growing passion for **Artificial Intelligence**. Skilled in building **scalable web applications** from concept to deployment. Currently expanding expertise in **Python, Large Language Models (LLMs), Natural Language Processing (NLP)**, and modern **AI ecosystems**-including **Transformers, LangChain, and vector databases**.

Projects

Ray - A full-stack platform for helping stray cats in real time (**Demo | GitHub**) (2025)

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**) (2025)

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 Guard (2024 - Present)

Led security operations while independently building and deploying full-stack apps (*Ray, PetsAreTheBest*)

GlobalNet - 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 and 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, Responsive Design

Backend: Node.js, Express.js, REST APIs, Authentication (JWT), Python

Databases: MongoDB, MySQL, PostgreSQL

Dev tools & Platforms: Git, Vercel, Railway, Docker, Jira, Cloudinary, VS Code

Education

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)