

NETANEL NAGAR

Software Developer

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Profile:

Full Stack developer with advanced systems experience, strong focus, and a high work ethic.

Skilled at managing multiple projects with quality outcomes.

A quick learner, seeking a development position to apply my skills and grow.

Experienced in working with AI tools to enhance development efficiency and optimize solutions

SKILLS:

- Backend: Node.js, JAVA, C, Python.

- Frontend: JavaScript, TypeScript, CSS, HTML, jQuery, React, Next.js, Tailwind CSS.

- Technologies: REST API, Micro

Services, Redux, Socket, Docker.

- Databases: MongoDB, SQL Server, Redis.

- Tools: Git, GitLab,

GitHub.

- DevOps & Cloud: GitHub Action, AWS, Google Cloud.

WORK EXPERIENCE:

Full Stack Developer

2021- 2024

J6 & Cyber Defense Directorate, IDF

- Built a **Next.js** app to manage and track IDF forces locations, featuring tables, an interactive map, filtering by date/columns/routes, and a secure authorization system for real-time insights.
- Developed **Node** server (**Express TS**) for alert management, using **Redis** (short-term) and **MongoDB** (backup). Real-time updates via **WebSocket**. Implemented unit test with **Vitest**.
- Created a **React** (TS) frontend with **Tailwind CSS** featuring via **Redux**, and real-time updates via **WebSocket**. Optimized with React Suspense, code splitting, and lazy loading.
- Developed a Node server (**Express TS**) service for processing data from **PostgreSQL** and external data from Elbit company, sending alerts to the first server and uploading daily snapshots of data to **Object Storage** (like S3).
- Developed a **Python** server (**FastAPI**) to analyze historical alert data and generate insights.
- Services were developed from scratch, containerized with **Docker**, and orchestrated under K8s.
- Agile Scrum** methodology for development.
- Conducted Code and Design Reviews to ensure quality.
- Managed tasks and versions with **Git** and **GitLab**.
- Collaborated with both domestic teams.

EDUCATION:

Software Engineering Studies under MAHAT supervision

2019 - 2021

- Completed Kamatech online bootcamp covering runtime complexity, algorithms, and data structures .
- Certified to teach computer science for elementary and middle school by the Ministry of Education.

Final Project: Developed a Pet Adoption App

- The app allows users to post pets for adoption, including details and photos. It also features a map to view pets available for adoption near the user, as well as an admin panel for user management.
- Technologies: React, React Query, Firebase.

Languages:

Hebrew: native | English: Fluent