

# Yahav Nir - Full Stack Engineer

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## Experience

**Data Analyst at HR Signal** (*SaaS HR Analytics Platform*)

06/2024 – 02/2025

**Technologies: Python (Pandas, NumPy), SQL (SQLite, PostgreSQL), GCP**

- Analyzed big data using GCP BigQuery SQL to extract actionable insights.
- Developed a Python-based automation solution that uses statistical analysis to help the client plan future business growth by optimizing employee allocation and workforce management.
- Developed a utility function that reduced repetitive calculations by 15%.

**Noc Engineer at CheckPoint** (*Cybersecurity*)

12/2022 – 02/2024

**Technologies: Python, Bash, Linux, Networking**

- Developed automation scripts using Python and Bash to streamline operational tasks.
- Troubleshoot and analyze network and Linux-based systems issues, minimizing downtime.
- Initiated and designed a new onboarding process, reducing time to integration by 30%

## Projects

- Designed and built an [AI-powered real estate platform](#) (15,000+ lines of code) from the ground up, integrating **ChatGPT** for intelligent property searches. Led E2E development- from choosing the tech stack (**Next.js, Prisma, Redis, PostgreSQL, AWS, Docker**) to complex data management, optimizing performance, and implementing seamless authentication. ([repo](#))
- Contributed to production-grade **Open-Source** projects(InnovationsHub, Madabclick) led by senior developers, adhering to industry best practices.

## Technical Knowledge

- Gained experience through hands-on projects at a Bootcamp and independent development.
- Highly Proficient in modern frontend development with **React, Next.js, TypeScript, and Tailwind CSS**.
- Strong backend expertise using **NodeJS, React Query, Redux, Prisma, PostgreSQL, Mongo, Redis, and AWS**.
- Proficient in **RESTful APIs, cloud deployments, Git** version control, **Jest** testing, and real-time communication with **Socket.IO**.
- Passionate about **clean architecture, SOLID principles, and CI/CD pipelines** for efficient development and deployment.

## Education

**B.Sc. in Computer Science - The Open University in Israel**

2020-2024

- Final project- [Given'take](#)- team of 4-grade 100(Outstanding Project):  
We developed a social media platform designed to bridge the gap between volunteering and tech. Built engaging Front using **React** and **SCSS**, while ensuring efficiency with a robust backend with **Node.js, Express, and MongoDB**. ([repo](#))

**Backend Bootcamp - CodingBC**

2025

- Hands-on experience with backend programming through projects in various technologies: Java, Spring Boot, AWS(S3, EC2), Microservices, CI/CD, Cassandra, RESTful APIs, Kubernetes, OOP.

## Military Service

**Fighter and Medic at Palsar 7- reconnaissance unit**

- Led and trained soldiers in high-pressure environments, fostering teamwork and resilience in complex scenarios.