David Strouk

Lead Full Stack Engineer with 7 years of experience and high-level proficiency in Python, Typescript, Node.JS and React. Self-taught learner, driven professional with a broad set of technical skills. Main interests: Web technologies, development of SaaS products, and blockchain technology.

Lead Full Stack Engineer
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EXPERIENCE

AI21 Labs, Tel Aviv — *Senior Full Stack Engineer*

2023 - 2025

Worked on the development of an AI-based writing companion ([Wordtune](#)), as part of the core engineering team.

Built and optimized AI-powered writing features across frontend (React, TS) and backend (Node.js, Python). Collaborated with cross-functional teams, improved infrastructure and developer workflows, and ensured scalability and performance for millions of users.

Hyro AI, Tel Aviv — *Engineer Team Lead*

2021 - 2023

Hired, trained and led an Agile team of 4 full-stack developers, working closely with Product Manager and Designer.

Responsible for the development of customer-facing products - SaaS for adaptive communications platforms and web widgets.

Established efficient workflow processes, monitored daily productivity, and reviewed code and architecture decisions.

Hyro AI, Tel Aviv — *Full Stack Developer*

2020 - 2021

Worked on implementing and improving the NLU engine of the company, based on functional programming principles.

Researched and implemented the configurability of the different skills and building blocks per customer.

Superfly Insights, Tel Aviv — *Full Stack Developer*

2018 - 2020

Building infrastructure for big data parsing, storage and easy access (Python, Pandas, AWS).

Tackling challenging architectural and scalability issues in DB (PostgreSQL, MongoDB, AWS Athena).

Built end-user applications from scratch, both Frontend (Vue.js) and

SKILLS

Day-to-day: Typescript, Node.JS, React, Python, JS, MongoDB, SQL, K8s.

Academic: C/C++, Java.

AWARDS

Bitcoin Hackathon - Tel Aviv 2018 - Poker game based on the Bitcoin Lightning Network. Won 3rd Place.

Facebook Challenge 2017, Tel Aviv.

Facebook Tel Aviv 2016 Hackathon.

LANGUAGES

English (fluent)
French (mother tongue)
Hebrew (bilingual)

Backend (Flask/Django, DBs) development.

Barrel Network, Tel Aviv — *Blockchain Engineer*

2018

Created a data marketplace platform based on a token cryptocurrency (JavaScript, Solidity/NEO Smart Contracts).

Student Position, Tel Aviv — *Back End Developer*

2016 - 2017

PHP development in core team.

Technion International Office, Haifa — *MOOC Developer*

2015 - 2016

Programmed MOOC′s integration to Coursera platform.

EDUCATION

The Open University of Israel —
M.Sc, Computer Science

2019 - 2024

Technion - Israel Institute of Technology, Haifa —
B.Sc, Computer Science

2014 - 2018

Université de Lorraine, Nancy, France — *Applied Foreign Languages Bachelor*

2015 - 2018

Hebrew Language Speciality