



David Avikasis

Ultra Full-Stack Development

THE GIST

A Fullstack developer with 12 years of expertise in the web development field, I am well-versed in all aspects of the industry, including infrastructure, backend and frontend development.

Javascript • Typescript • Python • Node.js • React • Angular • Cloud Infrastructure

CONTACT

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- Israel

SKILLS

- Natural debugger, Problem-Solving, what-if attitude.
- Curious & Fast self-learner.
- DevOps, Cloud Infrastructure
- Backend & Scripting
- Frontend Development

EDUCATION

- Lev Academic Center**
Bachelor of Science (B.Sc.), Electrical, Electronics and Communications Engineering.
Completed in 2006

WHAT ELSE

- Musician and producer of various musical genres. (Check me out [here](#) & [there](#))
- Audio & Video Editing.
- Graphic & Vector Design.

WORK EXPERIENCE

2023-2024

Senior DevOps & Fullstack Developer

Cognishape

- Actively collaborating in the development of **python serverless cloud functions** on **GCP** supporting complex chat bot workflows and integration of various natural language processing methods.
- Playing a significant role in the ongoing development of a **React Native** app, adding features, fixing major issues, upgrading deps and leded major refactors to improve scalability, performance and security.
- Utilized **OpenAI API** for **NLU & NLG** (Natural Language Understanding/Generation) Development, Advanced **Prompting**, Fine tuning and more.
- Taking the initiative to integrate numerous development and project management practices from the ground up, including the establishment of a monorepo, crafting **CI/CD** scripts and workflows, implementing testing automation, and introducing vital security measures, among others.

2021 - 2023

Senior Frontend Developer

Synamedia

- Developed the entire UI for Synamedia EverGuard, management Interface for a content protection system, using **Angular**.
- I've built various charts using **AMCharts**.
- Worked with the backend team to define API schema and implementation decisions.
- I've been involved in UX/Design and architectural decisions as well.

2018 - 2020

Senior DevOps & Fullstack Developer

Headstream

- I've written a complete suite of cloud **Infrastructure as Code** using CDK (in Python & JS).
- Developed **Python** scripts for data harvesting, streaming, aggregating, analysis & ML, which were operated using AWS ECS & Fargate, AWS Kinesis Data **Firehose**.
- Handled our Data and Search using AWS **RDS/MySQL, S3 + Athena, Elasticsearch**, and **Redis**.
- Developed the user interface with React, backed by a **GraphQL API** deployed as a **serverless** architecture using AWS **API Gateway & Lambda**, Cognito, AWS Amplify and more.
- I've developed orchestration, scheduling, and monitoring scripts with AWS Lambda, **CloudWatch** and more.

2014 - 2019

Fullstack Developer & Team Lead

Samanage (Solarwinds ITSM)

- Co-Developed Standalone & Salesforce **Web Applications**.
- As a **mentor** and later a **Team Lead** I've helped many fellow developers to grow and evolve, by supporting (yet not suppressing) their self-learning journey.
- Developed both Backend (**Ruby on Rails**) and Frontend (**RoR, React** and **React Native** mobile app).
- I've also been a part of **architecture** decisions, and **DevOps** tasks.
- I've helped recruiting new developers to the team.

2013 - 2014

Co-Founder, DevOps & Backend Developer

Sponger

- Developed a robust, **scalable infrastructure** along with automated CI/CD flows.
- Developed the entire backend using **Ruby on Rails, Redis** and **MongoDB**.
- Built an Anti-Fraud Mechanism, a Monitoring System and more.
- Business and Product planning.
- UX and vector graphics design.

2012 - 2013

DevOps & Backend Developer

Fiverr

- I had the pleasure of being one of the early developers of this great platform.
- My team has developed a **rapid scaling infrastructure** supporting **millions** of active users.
- Hot troubleshooting** system issues and downtimes.
- Handled fraud and cyber attacks.
- Developed backend (**Ruby on Rails**) features and **micro-services**.
- Helped getting other developers up to speed.