



# Adam Matan

*Backend developer, team leader, and public speaker. I build end-to-end apps using modern cloud tools in Linux environments. Pythonist.*

## What do I bring to the table?

- Team & Business** As former CTO and DevRel, I understand business goals and build productive communication between the dev team, company leadership, and customers. Experienced in working with developers and partners in the US.
- Dev** Practical backend solutions using modern cloud tools - Serverless, AWS, Linux, Python and POSIX languages, and (NO)SQL DBs. GIS experience (PostGIS, GeoPy, QGIS etc.). I use Open-Source and Free Software to build robust products quickly. See my [StackOverflow](#), [Servefault](#), and [GIS Stack exchange](#) profiles.
- Ops** Do it once, then twice, then automate! I use CI/CD building blocks - Jenkins, Ansible, AWS Lambda, Docker and others - to build robust pipelines that accelerate projects and make developers smile.

## Experience

2-17-2018 **Head of DevRel and Developer**, [binaris.com](#).

Binaris develops low-latency Serverless Function-as-a-Service (FaaS) platform on AWS EC2. As Head of DevRel, I developed [open-source low-latency demo apps](#), wrote the [company dev site](#), built a [Serverless meetup](#) with nearly 500 members, founded [Israel's first Serverless conference](#) and presented in [numerous international conferences](#).

2014-2017 **CTO**, [vioozer.com](#), Tel Aviv, Israel.

I built the technology powering a location-based startup from scratch to a full production system with hundreds of thousands of concurrent users. See the [website](#), [Android](#) and [iOS](#) apps.

- Lead a team of 5 developers (Mobile, web, backend and, BI) in Israel and US.
- Built a real-time location-based system receiving location updates from mobile devices and matching questions and answers in real-time. The system includes a backend matching engine, REST API for mobile and web clients, Jenkins CI-CD Pipeline with internal repositories and multiple environments.
- Tech Stack grep: Ubuntu, Python, Flask, Ubuntu, Apache Storm, AWS, S3, Redis, PostgreSQL, PostGIS, git, AWS Lambda, CDNs, Jenkins, Android (Java), GeoPy, Firebase, RabbitMQ, JUnit, M/Monit, Nginx, Microservices

2012-2013 **Java developer**, [Yahoo!](#), Ramat Gan, Israel.

Developed fast ad matching technology in Yahoo's Creative Innovation Center team.

- Developed internal real-time services for fast ad matching with geographical and demographic matching techniques, and a real-time sliding window storage solution for billions of monthly queries over MySQL on Yahoo's internal infrastructure.
- Created a CI-CD pipeline that reduced the weekly deployment time by 70% and minimized code freezes.
- Tech Stack grep: Java, Gradle/Maven, Open Stack, MySQL, Protobuf, Solr

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2009-2012 **Infrastructure developer**, *Waze.com*, Raanana, Israel.

Algorithmic improvements of large databases, server maintenance, and system architecture design.

- Scaled up the daily map improvement process based on app location updates, using geo isolation algorithms and multiprocessing techniques.
- Created a two-way map merge tool for exchanging map data with external partners.
- Tech Stack grep: AWS, Python, GIS, PostGIS, PostgreSQL, shell

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## Education

2005-2009 **B.Sc.**, *Hebrew University*, Jerusalem.

Major in Computer Science, Minor in the [Amirim humanities Honors program](#). Final project: Analyzing high-MCC functions in the Linux kernel, guided by Prof. Dror Feitelson.

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## Community Activities

2016- **Reversim Summit**, *Volunteering organizer*.

Organized one of the [largest community conferences in Israel](#), coordinating a team of 25 volunteers, 53 speakers and 925 unique visitors. Lead the entire conference in 2016, the content team in 2017 and moderated a track in 2018.

2018.05 **Serverless Days TLV**, *Founder and Organizer*.

Organized Israel's first Serverless conference, [Serverless Days TLV](#), an international developer conference with 220 attendees from Israel, Europe, and the US.

2018- **Serverless Nights TLV**, *Meetup Group Organizers*.

Founded [Serverless TLV](#), Israel's leading Serverless meetup group, with 60-100 attendees on our monthly meetups. Curated and moderated speakers and content.

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## Public Speaking

2018.02 [ServerlessConf Paris](#), *Sub-second CI CD pipeline with FaaS*, with Avner Braverman.

2018.04 [Reversim Podcast](#), *Episode 340: Serverless with Adam Matan* (Audio, Hebrew).

2018.07 [Serverlessconf San Francisco](#), *Think Functions*, with Avner Braverman.

2018.09 [Serverless TLV Meetup](#), *Think Functions*, (Hebrew).

2018.10 [Serverless Days Milano](#), *Think Functions*.

2019.02 [Serverless TLV meetup](#), *Serverless websites*.

2019.03 [Redis Day Tel Aviv](#), *Stateful and Stateless: Serverless apps with Redis*, Accepted January 2019.

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## Military service

1999-2003 IDF Armored Corps tank platoon leader. Retired as a lieutenant.

2005-Present IDF Armored Corps Res. Major. 2i/c in a tank company.