

Tom Shabtay

Back-end Developer

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Profile

I'm a dedicated full-time Back-end developer, graduated B.sc Computer Science with industry experience of 4+ years. In my current workplace, I'm developing NodeJS (TypeScript) services in large scale. I'm a fast learner, eager to understand how stuff works under the hood and always drawn into working on a side-projects and games.

Work Experience

DynamicYield - Back-end developer

2020 Jan - Present

In this role I developed the backend side of our recommendation engine.

- Developed a new recommendation strategy that uses AI trained models from past transactions to determine best recommendation.
- Worked in very large scale, we served thousands requests per hour from different regions.
- Occasionally held support shifts and debugged issues in our system.
- Helped devs from other teams and developed internal tools to automate some boring tasks.
- Held presentations of newly developed features.
- Created guides and documented my features.

Technologies: Typescript, MySQL, Redis, Kubernetes, AWS, Kafka, ElasticSearch.

WAY2VAT - Back-end developer

2019 Feb - 2020 Jan

In this role I developed NodeJS services, from design to deployment and maintenance.

- Developed a service to manage data transfer from Accounting APIs (Xero, Expensify), supporting large scale and used webhooks to pull new data over time.
- Created a CICD in CircleCI to deploy our services in ECS.
- Technologies: TypeScript, MySQL, Redis, MongoDB, SQS, ElasticSearch, Docker-compose.

Ewave Mobile - Full-stack developer

2017 Sep - 2019 Feb

In this role I was mainly creating Mobile apps and APIs.

- Developed Mobile Applications: Native IOS App (Swift) and a cross-platform Mobile App in NativeScript (Angular).
- Developed Web Applications (Angular).
- Developed serverless Java APIs (AWS Lambda, Api Gateway): Push Notification manager and custom authentication API for our NativeScript Apps (AWS Cognito).

Technical Experience

- **Mainly Used Languages:** TypeScript, JavaScript, SQL, Bash, Java.
- **Databases:** MySQL, Redis, MongoDB, ElasticSearch.
- **Dev-ops tools:** Docker, Kubernetes, Jenkins, CircleCI, AWS CLI, Terraform, Helm,
- **AWS:** ECR, ECS, ECK, Sagemaker, Cloudwatch, EC2, Security Groups ,Load Balancer, VPC, SQS, Lambda, API Gateway, Cognito, S3.

- **Monitoring tools:** Kibana, Grafana.
- **Front-end:** Nativescript, Swift, Android, Angular, HTML, CSS.
- **Fun Projects:** Web crawlers, Games (Godot, libGDX), Chat-Bots, CLIs.
- **Preferred Tools:** macOSX, VSCode, Tmux, Emacs, Vim.

Education

2014-2017: Science (B.sc), Computer Science

College of Management Academic Studies, Rishon Lezion.

Final Project:

A System to manage linux devices remotely. (Java, Javascript, Handlebar.js, Spark).

Volunteering

2021 - Present: Itworks

Mentored a cs student and helped him land his first job in the industry.

Military Service

Engineer at IDF Air Force, Tested and fixed parts of the Black Hawk aircraft.