YARA DALLASHEH

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Permanent Resident of Germany

ABOUT ME

Working in an environment where I can make a meaningful contribution to the team and address real challenges has always been a source of satisfaction and motivation for me. I like to have an impact.

During my career, I always enjoyed the challenge of working with complex data systems and large datasets. It led me to acquire experience with diverse technologies such as Cassandra, ElasticSearch, Postgres, RabbitMQ, Kafka, and Hadoop.

WORK EXPERIENCE

November 2022 - Present: Backend Kotlin/Node.js Developer | Brainsome

- Developed and maintained services for an online bookshop, in a small team:
    - Took over the legacy Java projects of the company and led the migration to Kotlin.
    - Led the development of a new Spring Boot service in Kotlin that pulls ONIX files (book metadata) from RabbitMQ, extracts relevant data, persists it to Postgres, and indexes it in ElasticSearch.
    - Developed a new Node.js service in TypeScript ingesting XML files from external providers, extracting image metadata, downloading the images from the book providers, uploading them to AWS S3, and decorating the relevant books with the new data in our database.
    - Worked closely with Support and Product Management on translating business requirements to technical solutions.
- Used Helm, Docker, and Kubernetes to deploy our services to staging and production.

May 2021 - November 2022: Backend Java Developer | LivePerson

- Developed and maintained the messaging history API services as part of LivePerson's messaging and chat platform. Had to interact with huge datasets through Cassandra, ElasticSearch, Hadoop, Kafka, and Storm.
- Migrated a messaging service from Apache Storm (Puppet) to Kafka Streams using Docker, and Kubernetes.
- Handled customer incidents and cooperated with other teams to deliver solutions.

August 2018 – April 2021: Business Intelligence Developer | LivePerson

- Designed and built a new SSO system in Java using Microstrategy SDK.
- Participated in the BI development full life cycle, including deployments:
    - Designed the data modeling for new BI features and ETLs. Worked closely with the product manager and the developers.
    - Developed and maintained cubes, metrics, reports, and dashboards in Microstrategy.
    - Designed deployment processes for multiple Linux Microstrategy servers and web servers using Puppet, Teamcity & Jenkins.

- Data retrieval and data analysis using both SQL and NoSQL databases such as Vertica, MySQL, and ElasticSearch.

September 2016 – August 2018: Network Operation Center (NOC) Engineer | Liveperson
- Was in charge of monitoring the status of all LivePerson services. I investigated complex business critical incidents and helped coming up with solutions to prevent them from happening again.
- Worked intensively with Linux in production environments and used Python to solve various production issues.
- Improved the alerting system by creating Prometheus alerts and built relevant Grafana dashboards.

2012: Counselor | Technion Institute of Technology
- Acted as a counselor for applicants at Technion Administration Department.
- Organized and facilitated Technion Open Days for school pupils from the Arab Sector.

EDUCATION
2011-2016 B.Sc. in Computer Science at Technion- Israel Institute of Technology.

LANGUAGES
English, **Hebrew** – Fluent spoken and written | **Arabic** – Native | **German** – Basic | **Spanish** – Basic.

MISCELLANEOUS
- **2013:** Participated in a programming competition at "Hackathon Nazareth" in which our team won third place. The competition included a final presentation.
- **2012-2013**: Tutor, Perach Project for helping children in need from underprivileged backgrounds.
- **2006-2009:** Volunteer, Al-Rahma School for children with special needs.