

Udi Katzir

(+972)-502-674069

ukatzir@gmail.com



[Udi Katzir](#)

Petah Tikva, Israel

SUMMARY

Experienced Software Engineer, with a passion for developing scalable distributed web based systems. Strive to achieve comprehensive, performance and scale oriented solutions, applying careful study, thoughtful listening and open conversation.

BSc. In Computer Science from Tel Aviv University.

PROFESSIONAL EXPERIENCE

Software Engineer, Equalum, March 2020 – Current

Working on a real time streaming data integration product. Developing and maintaining new features end to end for the core system.

- Integrating with Apache Spark, Apache Kafka, Zookeeper, HDFS, Prometheus, and interfacing numerous databases such as Oracle, SqlServer, MySql, Postgresql and distributed file system products.
- Maintaining the product's web dashboard written in AngularJs.
- Provided support for clients with complex distributed deployments, diagnosing problems across dozens of processes and multiple nodes.
- Responsible for maintaining and developing new features for the CLI tool written in Python

Software Engineer, CME Group (Formerly Nex Markets), 2016 – 2019

Designed, developed, tested, documented, and supported market data/trading data feed capturing and processing components for FX trading in European, Asian, and North American regions

- Took major part in all phases of software lifecycle: from design to support in production
- Worked in full collaboration with other teams and groups (remote and local)
- Explored and integrated new technologies, from POC to full integration
- Designed and implemented solutions for fault tolerance, recovery and clustering
- Performed performance testing, monitoring and enhancements
- Instructed new team members and conducted presentations in various subjects
- Developed many features for the new order-entry gateway component of the world's largest derivative marketplace

Automation Engineer (Student Position), Nex Markets, 2014 – 2016

EDUCATION

B.Sc. in Computer Science, Tel Aviv University, 2014 – 2019

VOLUNTEER EXPERIENCE

Mathematics tutor, Push Foundation, Feb 2021–Current

Tutoring students from low socioeconomic backgrounds

MILITARY SERVICE

Combat service as a squad commander and platoon sergeant in an infantry unit, 2008–2011

CORE SKILLS

Programming languages: **Java, Scala, Python, Javascript** | Big Data: **Kafka, Spark, HDFS** | Server side Frameworks : **Akka{HTTP, actors, cluster}, Spring** | Version control: **Git, Perforce** | Databases: **Oracle, Mysql, Postgresql, MongoDB, Cassandra** | Build tools: **Maven, Sbt** | Cloud: **aws s3, ec2, azure data lake** | Formats: **Json, Avro, Fix, GPB** | Monitoring: **Prometheus, Telegraf, InfluxDB, Grafana,** | Testing frameworks: **Junit, ScalaTest** | Programming Paradigms: **OOP, FP** | Working Methodologies: **Agile** | Operating systems: **Linux, Windows**

LANGUAGES

Hebrew – Native, **English** – Fluent

RECOMMENDATIONS

Will be given upon request