

Professional Summary

Junior Software Engineer | Backend & Cloud-Oriented
Computer Science graduate and AWS Certified Cloud Practitioner with hands-on experience in backend, cloud, and algorithmic projects. Skilled in Node.js, Java, MySQL, and AWS (EMR, EC2, SQS). Built scalable systems with REST APIs and distributed processing. Ex-IDF combat commander with strong leadership and teamwork under pressure. Seeking a Software Engineer role in a dynamic tech team.

Projects

Football Insight Hub – (Personal Project)
Node.js | MySQL | Express.js | RESTful API
-Developed a RESTful backend for managing tournaments, teams, matches, and events.
-Modeled 7-table MySQL schema (50+ tournaments, 160+ teams, 1000s of players).
-Implemented scalable Express routes and reusable service logic.
-Enforced data integrity with constraints, indexes, and validation.
-Built with clean architecture principles for future extensibility.

Collocation Extraction
Java | Hadoop | MapReduce | AWS
-Processed 17.9B+ English 2-grams using MapReduce on EMR.
-Extracted collocations via Normalized PMI with top-ranked results.
-Reduced shuffle size by 94% via local aggregation.
-Completed full-scale run (~2h) with strong scalability and efficiency.

Sarcasm Analysis
Java | AWS EC2/S3/SQS
-Processed 5,000+ reviews with sentiment analysis and entity recognition.
-Deployed pipeline across EC2 manager + 9 dynamic workers via SQS.
-Achieved 100% task delivery with fault-tolerant queueing and auto-recovery.
-Generated structured HTML reports with sarcasm and sentiment indicators.

SET GAME
Concurrency Project – Java
-Developed multithreaded version of the SET game with synchronized logic.
-Handled race conditions using concurrency primitives and thread safety.

Core Technologies

Languages	Frameworks & Tools	Key Concepts
<ul style="list-style-type: none">• Java• Python• TypeScript• C• C++	<ul style="list-style-type: none">• Node.js• Express.js• Git• Linux• MySQL• AWS (EC2, SQS, S3, EMR),	<ul style="list-style-type: none">• OOP• Data Structures• Algorithms• Concurrency• Cloud Architecture• REST API Design

Certificates

AWS Certified Cloud Practitioner
Issued July 2025

Education

B. Sc in Computer Science Ben Gurion University	September 2021 – October 2024
"Moshal" Program Member International program fostering academic and personal excellence through mentorship and career guidance.	September 2021 – present

Languages

• Hebrew	• English
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VOLUNTEERING

"Yated"- volunteering Tutored children with Down Syndrome	October 2022 – March 2023
"Ormat" School Tutor Tutored students with learning challenges	January 2021 – July 2021

MILITARY SERVICE

Infantry, "Givati" Brigade. IDF Combat Commander Led 10–30 soldiers in operations. Currently active in reserves as platoon commander.	March 2016 – November 2018
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