

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.

Education

B. Sc in Computer Science
Ben Gurion University

September 2021 – October 2024

"Moshal" Program Member


September 2021 – present


International program fostering academic and personal excellence through mentorship and career guidance.


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

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.

Languages

- Hebrew
- English

Certificates

AWS Certified Cloud Practitioner
Issued July 2025

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