BEN BANDARKER Junior Software Engineer | Junior Backend Developer

050-6584728 | ben.bandarker@gmail.com | linkedin.com/in/benbandarker | github.com/BenBandarker | https://www.benbandarker.com/

Profile

Computer Science graduate with hands-on experience in backend development (Node.js, MySQL, AWS) and API design. Completed a football stats backend project, now building the frontend. Fast learner, team player, and passionate about clean, scalable systems. **Seeking a role as a Junior Software Developer or Junior Backend Engineer.**

Education

B. Sc in Computer Science   September 2021 – October 2024
Ben Gurion University

"Moshal" Program Member   September 2021 – present
"Moshal" Program
Chosen for a top-tier international program supporting academic and personal growth through advanced tools and mentorship.

Skills

Languages	Technologies & Tools	Concepts
• Java	• Node.js	• OOP
• Python	• Express.js	• Data Structures
• TypeScript	• MySQL	• Algorithms
• C	• Git	• Concurrency
• C++	• AWS (EC2, SQS, S3, EMR),	• Cloud Computing
	• Linux	• REST API

Projects

Football statistics ✎
Node.js, MySQL, REST API
Built a backend system for football data tracking and management, featuring flexible filtering, live data insertion, and real-time validations. Implemented using modular Express.js routes with seamless MySQL integration. Project completed and now extending functionality through a dedicated frontend interface.

Collocation Extraction ✎
AWS EMR
Analyzed massive language datasets from Google 2gram to identify word collocations. Produced accurate PMI scores that highlighted meaningful word pairings across billions of entries. Used a cloud-based distributed solution with Hadoop jobs on AWS EMR to achieve this efficiently.

Sarcasm Analysis ✎
Java, AWS EC2, SQS, S3
Built a cloud-native tool to detect sarcasm in Amazon reviews using natural language techniques. Successfully scaled the processing pipeline to handle large review datasets with high accuracy. Utilized Java across AWS services (EC2, SQS, S3) to orchestrate distributed text processing.

SET GAME ✎
Java, Concurrency
Developed a multi-threaded version of the classic SET card game. Maintained correct game logic under concurrent access and multiple player actions. Implemented thread synchronization and rigorous testing using Java's concurrency APIs.

Languages

• Hebrew   • English

Certificates

AWS Certified Cloud Practitioner
Issued July 2025

SELF LEARNING

English Course - "FluentTLV"
• Improving English Speech and Presetation Skills

VOLUNTEERING

"Yated"- volunteering   October 2022 – March 2023
Tutored children with Down Syndrome

"Ormat" School Tutor   January 2021 – July 2021
Tutored students with learning difficulties

MILITARY SERVICE

Infantry, "Givati" Brigade.   March 2016 – November 2018
Former combat commander in the IDF, leading 10–30 soldiers under pressure. Currently an active platoon commander in the reserves. Gained strong leadership, teamwork, and decision-making skills.