YARDEN AHARON

Software Engineer

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ABOUT ME

Computer Science graduate (Dean's List), motivated and detail-oriented. Strong problem-solving skills, effective in both independent work and teamwork, with a drive to deliver high-quality software solutions.

EDUCATION

Holon Institute of Technology, Holon| 10/2022 - 10/2025
Computer Science
- Graduated with distinction - GPA: 96.7
- Dean's List of Excellence – First and Second Year

ORT College,Rehovot | 09/2018 - 05/2020
Electronic and Computer Engineering
- Graduated with distinction - GPA: 98

PROJECTS

Telecom Management System (React, Express.js)
- Developed a full-stack system using **React**, **Express.js**, and **SQLite** to manage customer data and services.
- Designed **RESTful APIs** and optimized frontend for real-time updates.
- Improved service efficiency by 40% and reduced manual work by 60%.

Sentiment Analysis System (Java)
- Built a real-time sentiment analysis app using **Spring Boot**, **Kafka**, and **WebFlux**.
- Processed live news streams using **Stanford CoreNLP** for sentiment classification.
- Increased data throughput by 45% with asynchronous, non-blocking pipelines.

WORK EXPERIENCE

Military, Permanent Service | 06/2022 – 02/2024
Optical Network Engineer
- Developed scripts and automation tools to streamline monitoring and troubleshooting.
- Designed a web-based dashboard for real-time network performance visualization, improving operational transparency.
- Led migration to a new fiber monitoring platform, improving efficiency by 32%.

Military, Mandatory Service | 06/2020 – 06/2022
N.O.C, SDH and OTN Network
- Provided 24/7 technical support, resolving hardware/software issues within SLA targets.
- Operated Linux/Unix systems, routers, switches, and servers.
- Awarded Excellence by Chief of Communication Unit 868.

SKILLS

- **Programming Languages:** C, Java, Python, JavaScript, SQL, HTML, CSS.
- **Tools & Technologies:** Docker, Git, Kubernetes, Microservices, Kafka.
- **Frameworks & Libraries:** Spring Boot, React.