

Omri Shema Resume

B.Sc. Computer Science – full stack Developer

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<https://github.com/omrishe>

SUMMARY

Energetic and detail-oriented Computer Science graduate with hands-on experience in full-stack development, automation scripting, and machine learning projects. Proven ability to build scalable systems, develop production-ready apps, and solve real-world problems under pressure

EDUCATION

B.Sc. Computer Science

HIT

01/2021 – 02/2025 Holon

Relevant Courses: Data Structures, Algorithms, Machine Learning

Technologies: Java, Python, JavaScript, React

React - The Complete Guide 2025

Udemy

12/2024 – 04/2025

Technologies: JavaScript, React, [css](#), [next.js](#)

Network management course

IDF

01/2015 – 01/2015 IDF

- Advanced computer system technician | 300+ hours
- Final Project: Establishing local internet (intranet) with commercial router and switches using fiber optics connections

Electronics and network practical engineer

Ort Rehovot

01/2013 – 01/2015 Rehovot

- Microprocessor based circuits and integration mainly using assembly and C
- Low voltage circuits design

PROJECTS (More in GitHub)

- **SchedulEase** - A full-stack web application designed for small businesses to manage customer appointments developed using frontend: React.js, JavaScript, Fetch API
backend: Node.js, Express.js, MongoDB, mongoose
- **Portfolio Website** A personal, responsive portfolio website built developed using HTML, CSS, JavaScript and react
- **Hydro Vault** – An IoT Warehouse managing project, that emulates fluid in barrels using broker developed using Python with MQTT library
- **Population Growth** – Predicting population growth in each city using machine learning and crawling developed using Python
- **Soccer team app** – Android app for managing soccer teams, built in Kotlin. Included player management, scheduling, and stats tracking.
- **Cube-Run** - A 2D desktop game featuring real-time input handling, smooth animations, and collision detection. Demonstrated skills in UI design, game logic implementation developed using C# and WinForms.

SKILLS

C, C++, C#, .NET, JavaScript, Kotlin, Python, CSS, React, NodeJS, SQL, Selenium ,crawling, WINFORMS, Data Structures, Networks, OOP

EXPERIENCE

Helpdesk/computer operator

ISBB headquarters

07/2020 – Present Petah Tikva

- Wrote and implemented scripting solutions
- Work under pressure and tight deadlines
- Responsible for the proper operation of end company user devices
- User management using Active Directory
- Creative approach for solving diverse issues

Advanced computer system technician

IDF

02/2015 – 08/2018

- Advanced computer system technician and helpdesk