

# Or Cohen-Adiv

## Software Engineer

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### About Me

A highly motivated Software Engineer. Have a strong foundation in programming principles across several platforms and self-learned abilities for quickly mastering new technologies.

I have a high level of accuracy and strong attention to details. I am a persistent problem-solver and have inquisitive nature to drive improvements.

### Education

**2016 – 2020: Bachelor of Science in Software Engineering, Afeka College of Engineering**

**Major in Software and Mobile Operating Systems (Average Overall Grade: 89.6)**

Studies of programming, graphics, artificial intelligence, information security, networking and management.

**2007-2010: High school student, School of Technology and Science, Ra'anana (Average Overall Grade: 109)**

Science Program – Majored in Computer Science and Biology – accelerated.

### Experience

**2021 - Today: Backend Software Engineer, Zoomin:**

*Zoomin* provides a documentation portal solution, among the customers: Dell, MasterCard, IronSource, etc. I was part of a project that pull third-party data into the portal which improved the customers experience by enabling them access to all their resources through one unified point.

- Backend engineer, specializing in Python development, and working with AWS servers
- Build an entire component and services from scratch - As part of the transition from a monolithic architecture to Microservices architecture, I was responsible for building the connector infrastructure from scratch (GoogleDrive, Skilljar)
- Build and Design Microservices which process the connectors data.
- Migration to exiting services
- **Technologies and protocols:**
  - AWS like S3, SQS, CloudWatch and Lambda.
  - Basic understanding of kubernatis, Lens and helm file and docker.
  - REST API
  - GitHub and GitHub Action
  - Elastic Search

**2010 – 2013: Intelligence Soldier, at Israeli Defense Forces.**

- Intelligence Soldier, at Israeli Defense Forces.
- Assistance to Information Security Officer, Ground Forces' Technology Unit.  
Served in an Officer's position since my second year.
- Managed Unit's Information Security, Served as an Advisor to other Officers.
- Worked with and Guided a team of 5 People.
- Guiding other soldiers about Information Security
- Chosen as an Excellent Soldier by the Unit's Commander

### Projects - Github.com/OrCohenAdiv

**Language Interface for a Virtual Conference Room Assistant** – a platform that is able to interface with various bodies and provide them with the main skeleton for building state machines, which function as personal assistants. Using AWS, a client side which is written in Java - android studio and Admin.exe – C# and GUI in Windows Forms. Requires a Json file to initialize.

**To-do List app** – a web app to make a To-Do list online. You can add an item to the list, delete an item and save the list. This application has a cool UI using bootstrap and a reactive server using React and MongoDB.

**Hotel Room Management System** – a room is represented using a byte. Each bit corresponding to a differ-

ent characteristic of the room. The program uses a specific type of encryption to change/edit an attribute of a room. Written in C, includes Variadic and generic functions, function pointers and work with files.

**Movie app** – **Java** -Written in android studio using themoviedb API. The app shows the upcoming, Top-rated, Most popular, now in Cinema movies. The app shows the user the official trailer from YouTube, some general details and poster.

**Unsplash API** – **Java** - Written in android studio using Unsplash api, allowing users to search for images, comment on them. Similar to a Youtube video page.

**Pop-quiz** – A Trivia game web application, written in C# ASP.NET Core (5) and Angular.

My Online Site - <https://orcohenadiv.github.io/>

### **Computer Skillset and Proficiency**

Python, Java, SpringBoot, C, C++, C#, Node.js, JavaScript, React, AWS, Firebase, SQL, MongoDB, Git, Linux, ASP.NET, Angular, Typescript.

### **Personal Skillset**

Fast and eager to learn, responsible, have a broad view of systems and situations, with good interpersonal skills. Thorough, excellent self-learner and a team player.

I have a high level of accuracy and strong attention to details. I am a persistent problem-solver and have inquisitive nature to drive improvements.

**Languages:** Hebrew – native, English – professional working proficiency (fluent).