

David Ohhana, Backend Developer

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Objective:

Motivated and detail-oriented Backend Developer with a B.Sc. in Computer Science. Possesses strong problem-solving skills, a passion for continuous learning, and a natural curiosity for exploring new technologies. Demonstrates excellent analytical abilities and the capacity to draw meaningful conclusions. A proactive team player with strong communication skills and a high level of independence. Actively seeking a challenging position in software development, where I can contribute, grow, and make an impact.

Experience

- **C#**

- 2024: "GallerU" Project, ZioNet**

- An innovative web application for events that leverages AI facial recognition to deliver photo sets to guests, enhancing their experience instantly.

- Backend Developer: Worked with C# and .NET 8 on microservices architecture deployed on Azure. Utilized Dapr for service communication, and orchestrated workflows with Dapr Actors and a custom SAGA framework, while conducting performance tests for system efficiency.

Education:

- October 2020-2024

- B.S. - JCT Lev Academic Center** - Computer science.

- **Codingbc** - advanced backend technologies & architecture big data/ containers/ cloud/ high volume/ high scale

Projects:

- **News-AI:**

- A **Spring Boot** microservices system delivers personalized news via email, SMS, or WhatsApp. It uses **Spring Gateway** for traffic, **Keycloak** for **JWT** authentication, and fetches news from **newsData.io**, filtered by the **Gemini model** (Python). Notifications are sent via **SendGrid** and **Twilio API**, with services communicating via **REST API** and asynchronously through **Kafka**. Data is stored in **PostgreSQL**, and the entire environment is managed using **Git**, **Docker**, and **Docker Compose**. The application is deployed and running on **AWS** infrastructure.

- Technologies:** Spring Boot, Spring Gateway, Keycloak, JWT, REST API, Kafka, PostgreSQL, SendGrid, Twilio API, newsData.io, Gemini, Python, Git, Docker, Docker Compose, AWS.

- [Link to project in GitHub](#), [Link to application](#)

- **TinyURL:**

- A Java-based TinyURL system that shortens URLs and redirects them via a REST API. The system supports multiple databases (Redis, MongoDB, Cassandra) for storing mappings, managing users, and tracking click statistics. It also includes API documentation with Swagger and runs in isolated environments using Docker Compose.

- Technologies:** Java, REST API, Redis, MongoDB, Cassandra, Swagger, Docker, Docker Compose

- [Link to project in GitHub](#)

Skills:

- C#, Java, Python, Spring Boot framework, Rest API, SQL, MySQL, PostgreSQL, Microservices, MongoDB, Docker, Kafka, Redis, Git, CI/CD, Jenkins, Jira, Dapr, KeyCloak, JWT, Elastic search, Flask, SQLAlchemy

Soft skills:

- Sociable, attention to small details, motivated to learn new things, goal-oriented, diligent, responsible, teamwork, and self-learning.

Military-service:

- August 2015-August 2017

- Served in the I.D.F as a soldier and commander, and in charge of communications in the company.

Languages:

- Hebrew, English