ALON KOLYAKOV

Dedicated **Backend Developer** with nearly 2.5 years of hands-on experience crafting robust backend solutions. Recognized for leadership qualities, having served as a Tech Lead within the team.

CONTACT

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EDUCATION

- **Open University**, Physics B.Sc
  06\2023 – Present
- **Sela**, Software Developer
  (Tech Warriors - 8200)
  03\2022 – 02\2023
- **Ort Zimtbaum**, Engineering
  Sciences Program 2012-2017

KEY COMPETENCIES

- **Tools**: vs/code, git, aws, docker, rabbitMQ, elk, vault, sonarQube, snyk, excel
- **Programming**: c, c++, c#, python, typescript, java, no/sql

LANGUAGES

- Hebrew – Native
- Russian - Native
- English – Fluent
- Japanese - Basics

VOLUNTEERING

- Rescue unit
- Choosing Friday – Teaching kids computer science

CERTIFICATIONS

- Software Developer - **Sela**
- Commendation at the Young Engineer Conference **Technion**
- C# Unity Developer – **Udemy**
- AWS Cloud Practitioner
- **Army Officer Commander**

MILITARY SERVICE

- Reserve - **Air support officer** in the cooperation unit 5620
- **Deputy Company Commander** at Division 7 (03\2018 – 03\2022)

WORK EXPERIENCE

Backend Developer at Abra R&D (Devalore) (03/2022 – Present)

I have played a pivotal role within a dynamic and collaborative team. Working in a fast-paced environment, I assumed multiple responsibilities and participated to the success of numerous projects.

Key Achievements and Responsibilities:

- Contributed to the development of **over 10** production systems, each with distinct requirements and objectives, ranging from e-commerce platforms to internal use apps with .NET:
  - Engineered CMS and Campaigns backend applications, integrating **DynamoDB**, **S3**, **SQS**, **Lambda**s, and more.
  - Constructed a sturdy server-side application using the **.NET framework**, integrated with multiple databases including **PostgreSQL** and **AS400**, employing stored procedures for efficient data handling. Anticipated scalability to accommodate a wide user base, projected to reach thousands of users.
- Demonstrated versatility in utilizing a variety of modern backend technologies, including popular frameworks such as **.NET Core**, **Node** with **Typescript**, **AWS** serverless computing services and more.
- Implemented **RabbitMQ** for efficient message handling and effectively utilized it alongside **SignalR** to enhance responsiveness and user engagement through real-time communication across applications.
- Leveraged **ELK** stack for centralized logging and monitoring, ensuring efficient management and troubleshooting of applications.
- Skilled in multiple architectural styles, including **microservices** and **monolithic** architectures, with a proven track record of designing and implementing effective software solutions.
- Excel in **CI/CD** methodologies, creating automated pipelines that facilitate smooth integration, rigorous testing with tools like **SonarQube** and **Snyk**, and efficient deployment using **Docker** for scalable applications.
- Adept at both designing new projects and maintaining existing ones, with a focus on enhancing performance and efficiency.
- Proficient in direct customer communication, adept at understanding requirements from inception to execution, and skilled in resolving any issues that arise.
- Efficiently managed a group of developers by assigning tasks based on individual strengths and project priorities. I provided clear guidelines and documentation to ensure alignment with project goals.

PERSONAL PROJECT

Dexcelerate - Trading Cryptocurrencies (05/2021 – 03/2023)

- State-of-the-art trading platform powered by blockchain technology - designed for professional traders seeking maximum speed and reliability. [**Site**, **Community**]
- **Programing Technologies**: go, remix, aws, js, jest, lightweight.