

# ALON KOLYAKOV

Dedicated **Software Engineer** with nearly 2.7 years of hands-on experience crafting robust backend solutions. Recognized for leadership qualities, having served as a Tech Lead within the team.

## WORK EXPERIENCE

### Software Engineer 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, DAX, S3, SQS, Cloudwatch, Step Functions, Lambdas** etc.
  - Constructed a robust server-side application using the **.NET framework**, integrated with multiple databases including **PostgreSQL** and **AS400**, employing stored procedures for efficient data handling. Assured scalability of the application 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** using **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.
- Proficient in direct customer communication, adept at understanding requirements from inception to execution, and skilled in resolving any issues that arise.

### Backend Developer at *SAFE.AI* (07/2024 – Present)

- Implementing AI techniques and optimized LLM API usage in order to enhance performance.
- Expertise in **Python, Flask/SQLAlchemy** implementations using **MySQL**.
- Lead backend development efforts for scalable application using **aws** resources: **EC2, RDS, Elasticache, Elastic Beanstalk, S3, CloudFront** etc.

## 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 IDE, aws, js, jest.**

## 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**, Science  
Engineering 2012-2017

## KEY COMPETENCIES

- Tools: **snyk, docker, rabbitmq, elk, sonarqube, gitlab ci/cd, vault, aws, raspberry pi, postman, Monday**
- Programming: **c#, typescript, js, c++, c, python, java, no/sql**
- Frameworks: **asp.net/core, flask, express, tensorflow**

## LANGUAGES

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

## VOLUNTEERING

- Rescue unit

## CERTIFICATIONS

- Software Developer - [Sela](#)
- Commendation at the Young Engineer Conference [Technion](#)
- C# Unity Developer - [Udemy](#)
- [Army Officer Commander](#)

## MILITARY SERVICE

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