

# CONTACT

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# EDUCATION

* **Open University**, Physics B.Sc 2023 – Present
* **Sela**, Software Developer
(Tech Warriors - 8200)
* **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**](https://raw.githubusercontent.com/BloodShop/BloodShop/main/sela.jpeg)
* Commendation at the Young Engineer Conference [**Technion**](https://github.com/BloodShop/BloodShop/blob/main/young-engineer.jpeg)
* C# Unity Developer – [**Udemy**](https://udemy-certificate.s3.amazonaws.com/image/UC-651e9cab-0514-42da-84e4-f3411b39958c.jpg?v=1658952330000)
* [**Army Officer Commander**](https://raw.githubusercontent.com/BloodShop/BloodShop/main/%D7%A7%D7%A6%D7%99%D7%A5.jpeg)

# MILITARY SERVICE

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

ALON KOLYAKOV

Dedicated **Software Engineer** with nearly 3 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*](https://www.abra-it.com/en/solutions/rnd-solutions/) *(Devalore)* (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**, **Lambda**s 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.

# PERSONAL PROJECT

# Backend Developer at [*SAFE.AI*](https://www.linkedin.com/company/safeaiapp) (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**, **E**lasticache, E**lastic Beanstalk**, **S3**, **CloudFront** etc.

## *Dexcelerate - Trading Cryptocurrencies* (2021 –2023)

* State-of-the-art trading platform powered by blockchain technology - designed for professional traders seeking maximum speed and reliability. [[**Site**](https://www.dexcelerate.com/), [**Community**](https://t.me/dexcelerateapp)**]**
* **Programing Technologies**: **golang**, **remix IDE**, **aws**, **js**, **jest, brownie**.ראש הטופס