



Aleksandar Žižović

Backend Developer

With 5 years of experience as a Backend Developer, I've worked in diverse international teams, across various technologies and domains, tackling both monoliths and microservices. Passionate about transforming business logic into clean, high-performance solutions. Focused on backend technologies and software architectures, while open to expand my DevOps expertise. Former Mensa member, driven by complex challenges and emerging technologies.

Experience

Backend Developer | Fincore Ltd | Belgrade

December 2023 – July 2024

Go, Postgres, Kafka, Docker, Kubernetes, Jenkins, AWS, Git, Linux, VS Code

- Worked on a betting system that consisted of 3 codebases and around 150 microservices.
- Developed new RESTful API endpoints and introduced unit testing in existing Go services, alongside code refactoring and resolving bugs to improve code quality and maintainability.
- Developed a PoC service for receiving notifications from a Postgres database, and forwarding them to a number of workers via Go channels where each worker runs in a separate goroutine (lightweight thread).

Software Developer | Trace One | Belgrade

May 2022 – December 2023

C#, ASP.NET, Oracle, AWS, TFS VC, Windows

- Worked on a modular-monolithic software for product lifecycle management (PLM) that consisted of 3.5 million lines of code and 5 million lines total.
- Independently customized software for an international customer, and contributed to the customization for a few other, also, international customers.
- Installed and upgraded several modules of a desktop product version for various customers.

Junior Software Developer | OtaCo engineering | Belgrade November 2019 – May 2022

Java, C#, Spring Framework, ASP.NET Core, MS SQL Server, Git, Docker, RabbitMQ, Azure DevOps

- Following an existing architecture, I built and maintained invoicing and customs mesoservices for an Order-to-Cash processing system in the Oil and gas industry.
- Employed DDD, TDD, Event-driven, CQRS, and EF Code First methodologies.
- Implemented new features and resolved bugs in a Spring Framework application for planning and synchronizing logistic streams on tank terminal facilities. [\(video\)](#)
- Upgraded an older JSP application to run on newer platforms and enabled it to run on multiple web servers for analysis and testing purposes.

Web Development Intern | msg global | Belgrade

August 2019 – September 2019

Java, Spring Boot, SQL, MySQL, Git, GitHub

- Written a client-server application for processing encrypted files and the first simple Spring Boot service.

Software Quality Assurance Intern | Endava | Belgrade October 2018 – November 2018

Java, Git, GitHub

- Contributed to test framework development for official Endava's website.
- Acquired version control skills using Git and GitHub.

Education and courses

Java Web Development

February 2019 - July 2019

Faculty of Organizational Sciences | University of Belgrade | Belgrade

Java Programming

February 2018 - July 2018

Faculty of Information Technology | Metropolitan University | Belgrade

Road and Urban Traffic and Transport

September 2010 - October 2015

Faculty of Transport and Traffic Engineering | University of Belgrade | Belgrade

- Accumulated 180 ESPB points without completing the degree program.

Contact

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Work skills

- **Languages:** Java, C#, Go, Sql, Python, C, JS, HTML
- **Frameworks:** ASP.NET, Spring, Gorilla, Entity Framework
- **Databases:** Sql Server, Oracle, Postgres, MySQL
- **CI/CD:** git, Docker, Jenkins, Azure DevOps
- **API:** REST, gRPC
- **Editors:** JetBrains IDEs, VS Code, Visual Studio
- **Tools:** Postman, Swagger
- **Methodologies:** OOP, SOLID, DDD, TDD, Design Patterns, Agile
- **OS:** Windows, Linux

Personal skills

- Problem-solving and analytical skills
- Ability to work independently and within a team
- Flexibility and adaptability

Languages

- English - professional proficiency

Interests

- Math, logical problems
- Basketball, swimming
- Books, movies, music
- Visiting classic art museums all around Europe