

Andrija Petrovic

Software engineer

Experienced software engineer with nearly 4 years of expertise in full stack development specializing in .NET technology. Possesses a robust understanding of entire software development life cycle, including design, coding, debugging, testing and maintenance.

WORK EXPERIENCE

Software engineer

Logosoft, Belgrade, Serbia

Nov 2021 – Present

Developed Qerdos, a SaaS product, with a team of three developers; decreased retail promotion creation time by 50%
Created the E-SDC (External Sales Data Controller) invoicing system component as part of a four-developer team; used by over 100 clients
Implemented 5+ features for POSivit, a retail software; increased product value by 20%
Spearheaded Angular project transition from legacy Visual Studio to standalone project; improved development and version control by 40%
Collaborated with the team to troubleshoot and fix end-users bugs; enhanced product reliability and user satisfaction by 30%

PERSONAL WORK

E - commerce store (Microservices) (Udemy course)

May - June 2025

Developed a microservices architecture using .NET 8 and c# 12, implementing services for Catalog, Basket, Discount, Ordering and API Gateway
Utilized technologies such as MediatR(CQRS and validation pipeline), Marten(PostgreSQL), Redis, EF Core(SQL Server) and MassTransit with RabbitMQ for async messaging
Applied architectural patterns like Vertical Slice, Clean Architecture and DDD, with gRPC for sync inter-service communication, YARP for API Gateway routing and rate limiting
All services are fully containerized with Docker and orchestrated via Docker Compose

Microservices Observability (Udemy course)

July 2025

Implemented cross-cutting concerns to enhance microservices resilience and observability following best practices
Integrated Elastic Stack(Elasticsearch, Logstash, Kibana) with Serilog for distributed logging
Used Polly for resilience with Retry and Circuit-Breaker patterns
Implemented health checks with WatchDog
All services fully integrated into a Dockerized environment using Docker Compose

CONTACT

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SKILLS

C# (.NET)
Entity Framework
SQL (MSSQL)
Cloud Computing (Azure)
API Design and Development
SOAP/RESTful Web Services
CI/CD
Unit/Integration Testing
Angular
Data Structures
Algorithms
Version Control Systems: Git
Software Development Tools: JIRA, Confluence
Agile Methodology

EDUCATION

University of Union
Bachelor of Engineering
Major in Computer Science
Oct 2016 – Dec 2022

LANGUAGES

Serbian (Native)
English (Intermediate)