

Hello !!!

I'm Armin Smajlagić

FULL-STACK SOFTWARE ENGINEER



PORTFOLIO 2025

Skill

**REST API****WEB DEVELOPMENT****DATA BASES****.NET****ANGULAR,
ANGULAR JS****POSTGRESQL****SPRING BOOT****BOOTSTRAP,
HTML/CSS****MS SQL****FLASK****IONIC****ORACLE****SOFTWARE
DEVELOPMENT****TECHNOLOGIES****BI &
DATA ANALYTICS****SCRUM****REDIS, MONGO DB****POWER BI, TABLEAU****GIT, CI/CD****KAFKA, RMQ****PYTHON, R****UML****ELK, GRAFANA****SPARK, SSIS,
SSAS, SSRS**

MY BIOGRAPHY



I am Armin, a 25-year-old software engineer with a bachelor's degree in Software Engineering. My journey into software development began in 2018 when I was introduced to software development frameworks and principles at Spark Academy in Maglaj. Since then, I have cultivated a strong foundation in software engineering, enhanced by completing a 4-year education at the Faculty of Information Technologies (FIT) in Mostar from 2019 to 2023, where I engaged with numerous esteemed faculty members and even received job offers during my studies. One of my key academic highlights includes securing stipends from a U.S.-based company, where I collaborated with other IT professionals and professors in AI research and software development. Concurrently, I gained hands-on industry experience as a full-time software developer at Evona and a part-time consultant/software engineer at ArtiAnalytics (later on full-time employment), where I worked a total of 240 hours per month on diverse projects.

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EDUCATION

Attended classes from 2019 to 2023 on various computer science and software engineering topics while honing software developing skills. Engaged with numerous esteemed faculty members and even received job offers during my studies. My work on modeling and simulation, machine learning and AI landed me multiple stipends, part-time and full-time employment at ArtiAnalytics. Additionally I have been actively engaged in developing various school projects (available in portfolio) while studying at FIT, amongst which was embedded C and assembly drivers for ARM Cortex platform (STM32). After presenting this software, and debugging it in class, I got a job offer at FIT as assistant in IOT and Embedded real-time systems.

2019 - 2023

B.Sc. SE, Software Engineering

Faculty of Informational Technologies
Mostar, Bosnia and Herzegovina



PLANNING TO CONTINUE PURSUING
MASTER'S DEGREE THIS AUTUMN

EXPERIENCE

2021 - 2025

ArtiAnalytics

Full-stack developer 2024 - 2025 (Full-time)

ArtiAnalytics

Full-stack developer 2023 - 2024 (Part-time)

Evona Electronics

Full-stack developer 2023 - 2024 (Full-time)

Evona Electronics

Front-end developer Intern 2021 - 2022 (30 days)

Evona Electronics

Evona Hackathon 2021

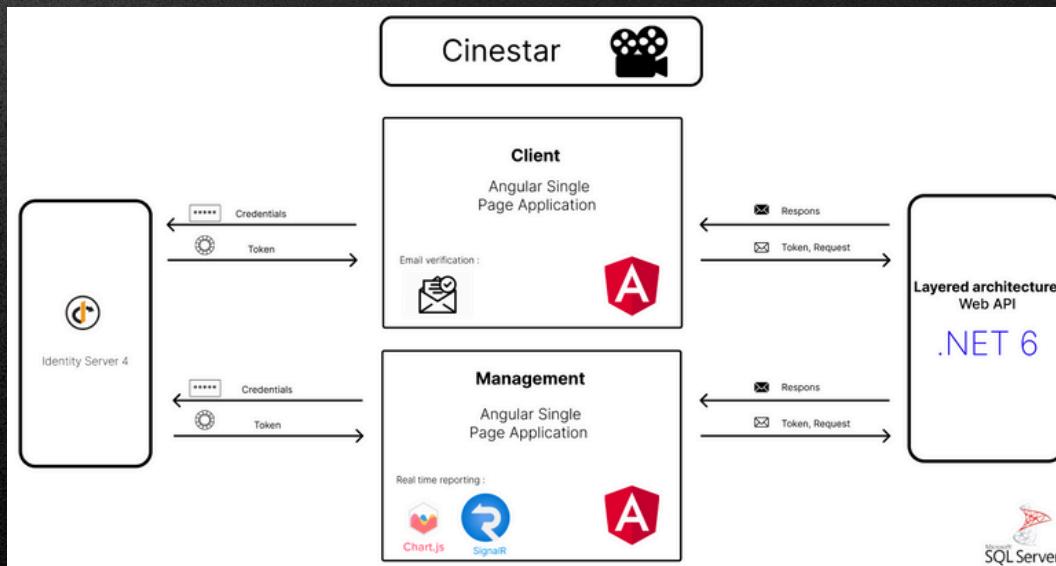
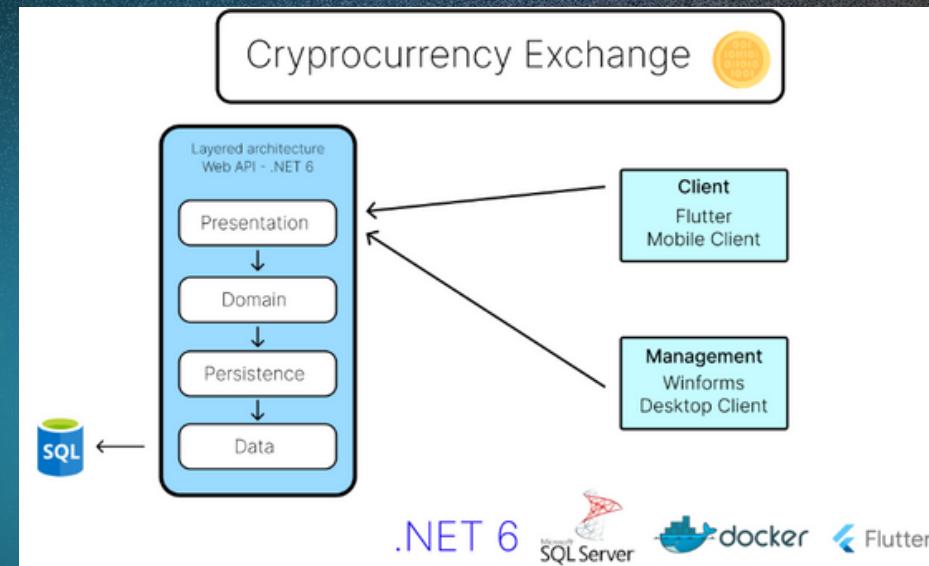
While working in Evona Electronics and ArtiAnalytics as a full-time software developer, I gained hands-on industry experience, participating in various activities, such as:

- Attending daily stand-ups, grooming, planning and retrospectives,
- Working with team members and other teams,
- Communicating in technical and non-technical jargon,
- Feature programming and documenting,
- Writing unit tests and manual testing,
- Feature reviewing, committing and merging using GIT,
- Feature deploying and monitoring (logs),
- Bug detecting, debugging and resolving,
- Integrating various third-party libraries, SDKs and APIs,
- Work under company standards (ISO and Company policies)

SCHOOL PROJECTS



2019 - 2023



Full-Stack Cryptocurrency market

MS SQL Server, .NET, WinForms, Flutter, Docker

Full-Stack Cintestar

MS SQL Server, .NET, Angular, SignalR, Identity Server, Email task worker

STM32 Barebone Embedded

Embedded C and Assembly injection

- Round-Robin SysTick Timer Task Scheduler
- External (IRQ routine) Interrupts Request Handler
- GPIO - General purpose input/output
- SysTick timer delay and System Faults IRQ (MemManagFault, BusFault, HardFault, UsageFault)

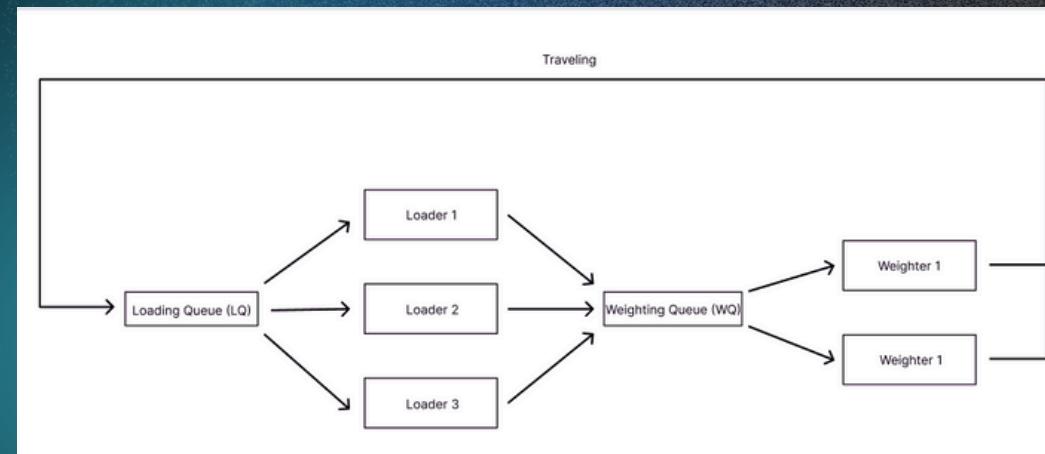
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SCHOOL PROJECTS

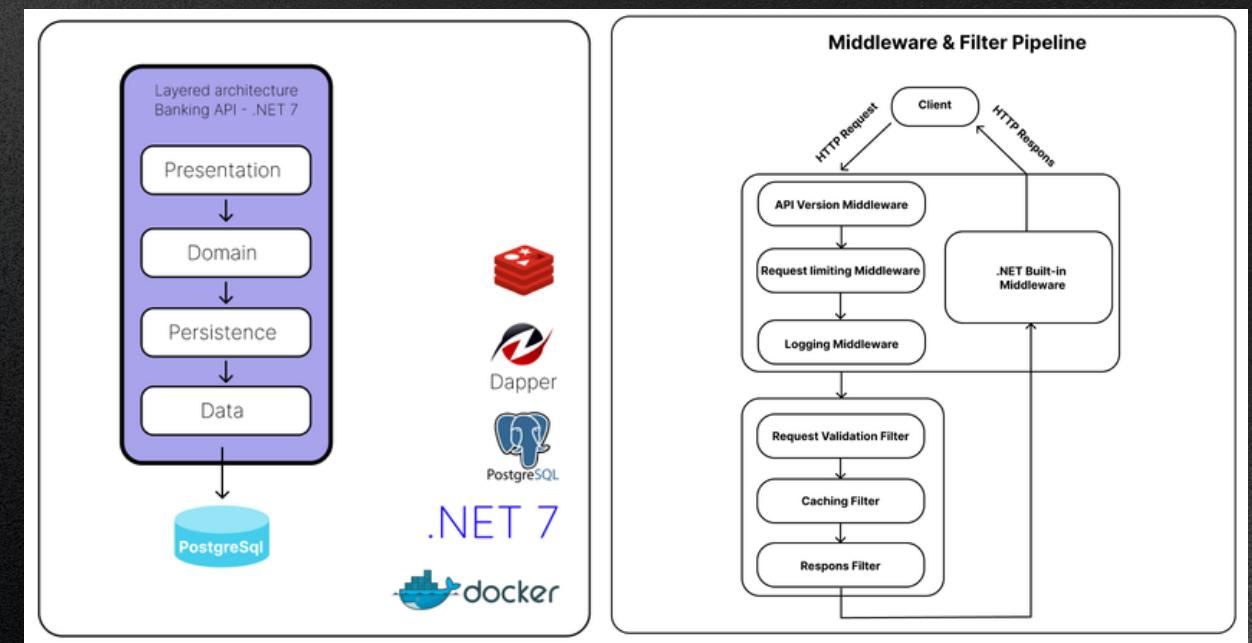


2019 - 2023



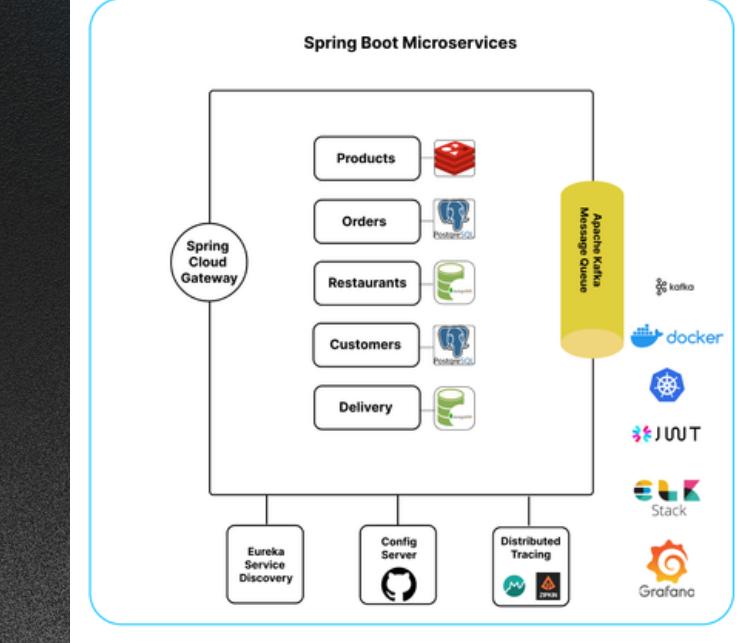
Dump Truck System Simulation

C++, Statistics, Mathematics, Simulation, Data structures
Key performance indicators (KPI), performance measurements



Mock Banking API

PostgreSQL, .NET, Dapper, Redis, Middleware, Filters, Logging, Docker



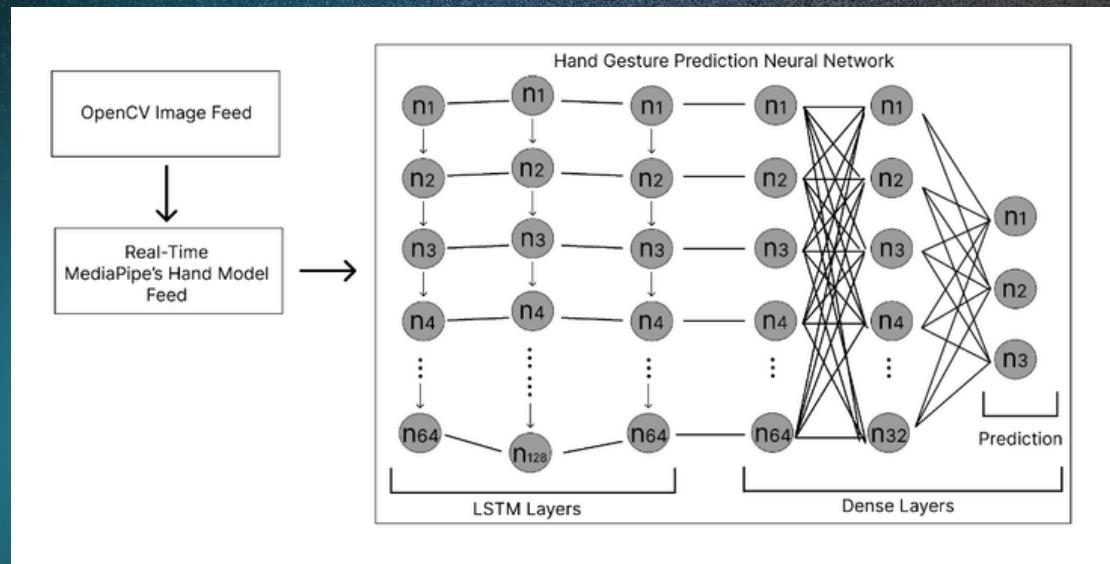
Shopping Microservices

Spring Boot, MongoDB, Redis, PostgreSQL, ElasticSearch, Kafka, Grafana, Docker, Kubernetes, Security (JWT)

SCHOOL PROJECTS

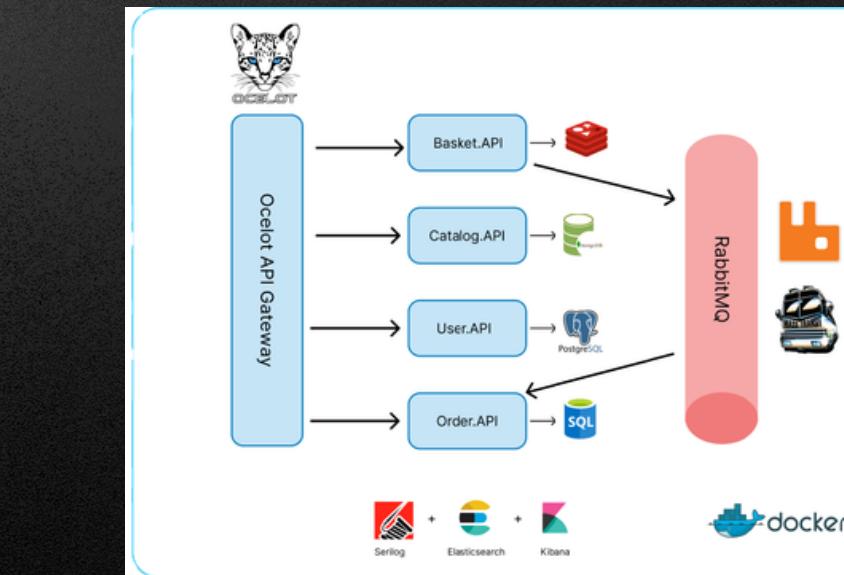


2019 - 2023



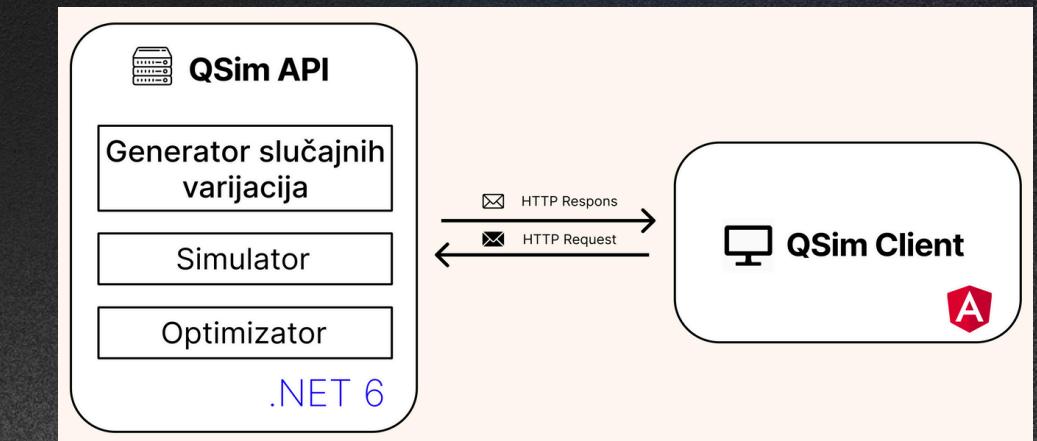
Human Hand Gesture Recognition Software

HuggingFace, MediaPipe, TensorFlow, Keres, LSTM, Neural Network, OpenCV
Camera recording



Microservice Architecture in ASP.NET 6

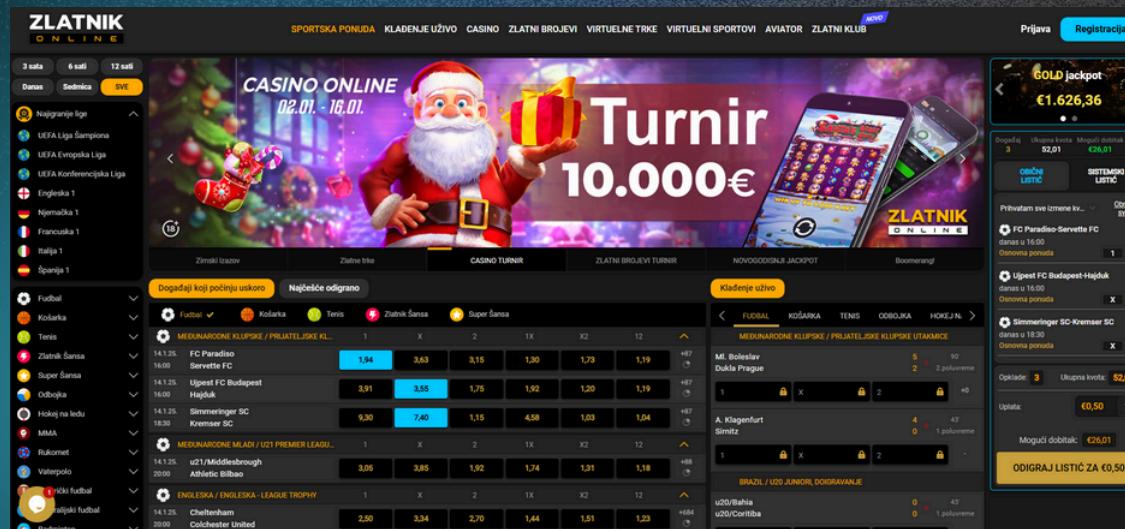
MS SQL Server, .NET, Angular, SignalR, Identity Server, Email task worker



QSim - Queuing system simulation and Q-Learning optimization

.NET, Angular, Graph.JS, Simulation, Reinforcement learning, Q-Learning, Bellman's Equation, Mathematics, Statistics, Data generator

PREVIOUS COMPANY PROJECTS

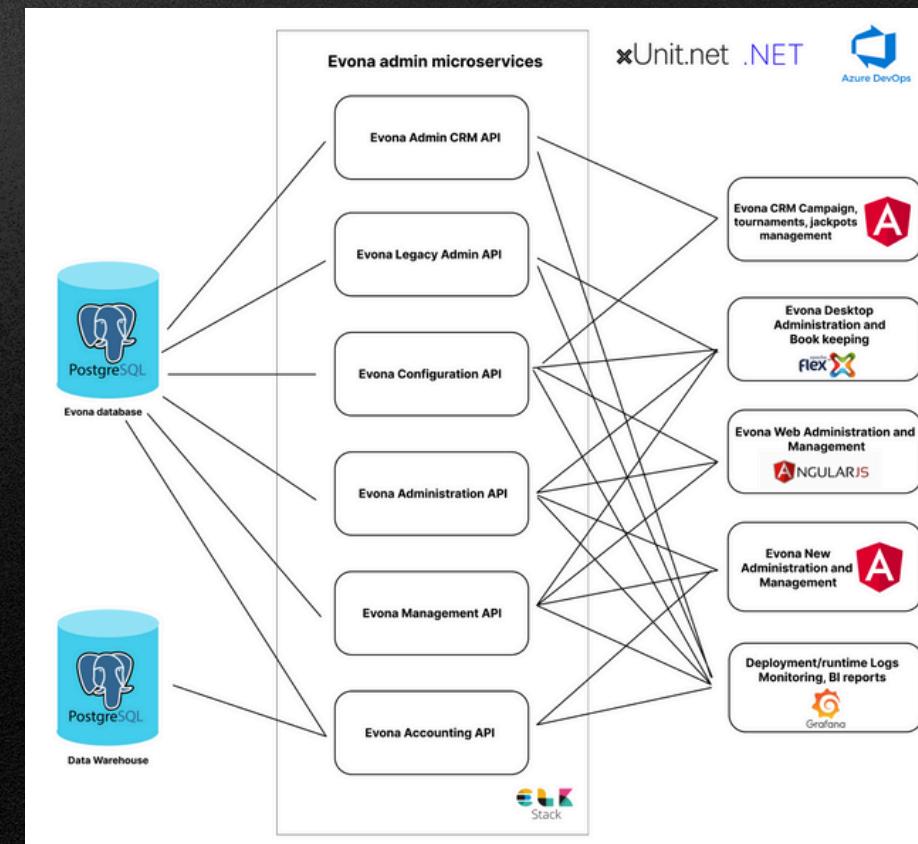


Evona Online V6 Betting client

Angular, Ionic, HTML/CSS, Bootstrap, TypeScript, JavaScript, Azure DevOps

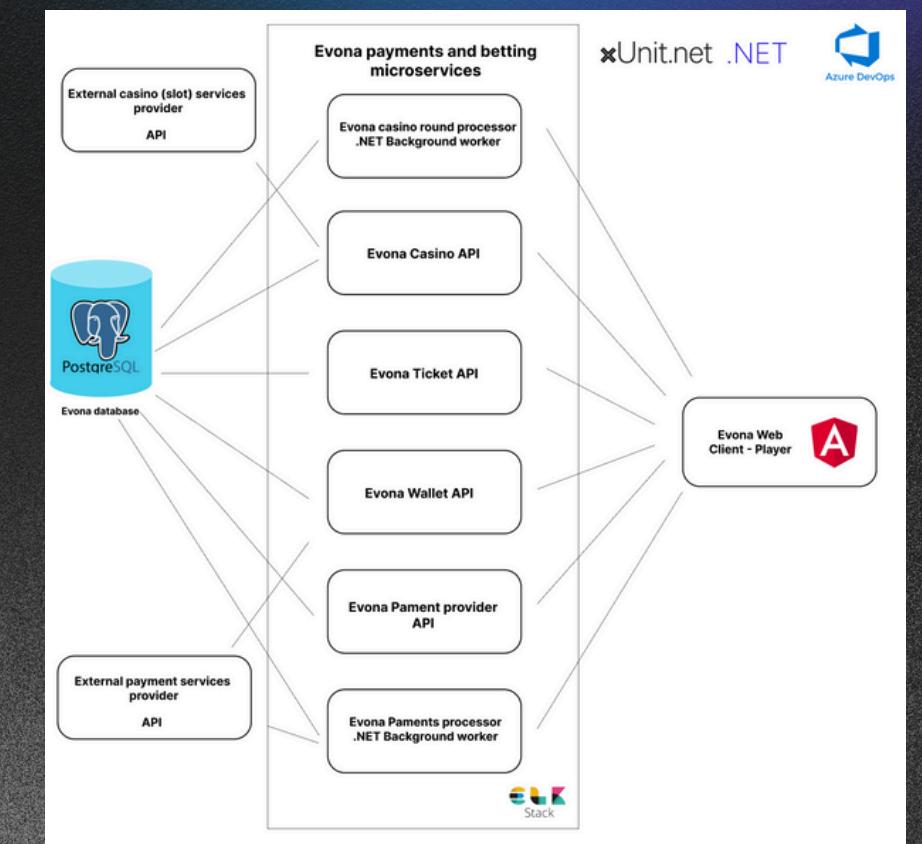


2021 - 2024



Evona Admin and Reporting

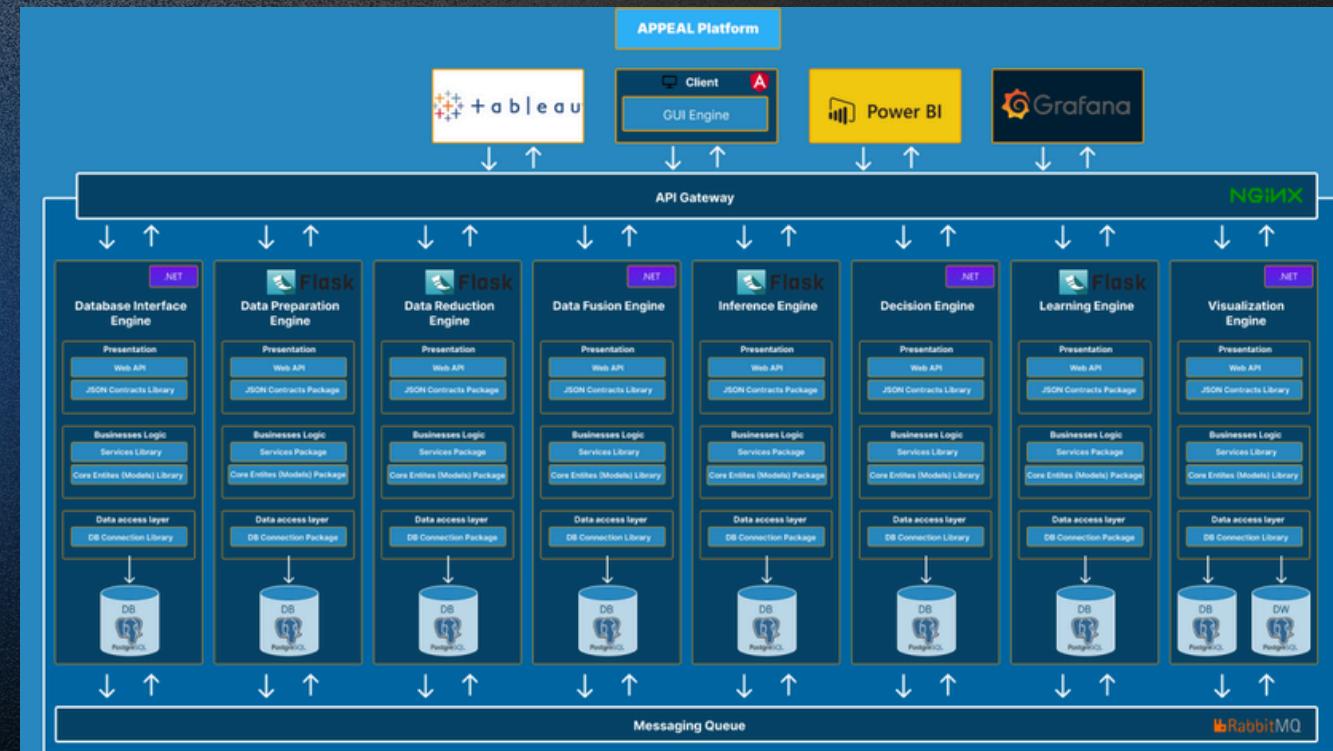
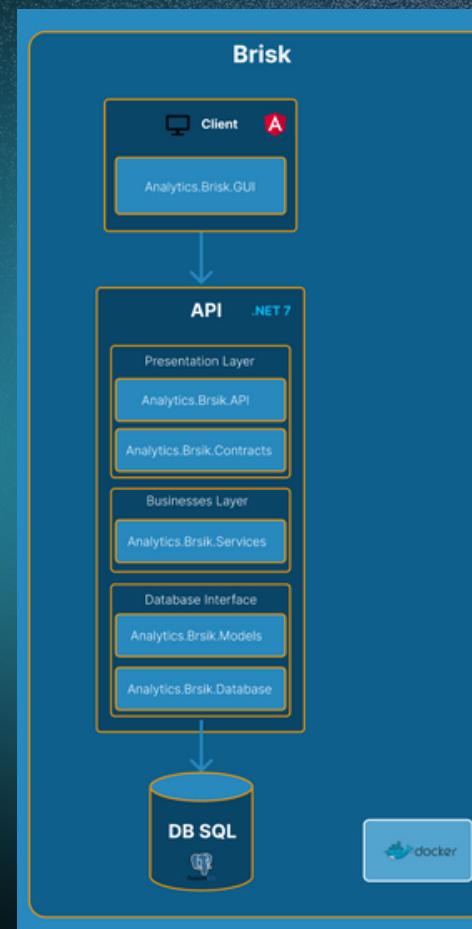
Angular, Angular JS, Apache Flex, Bootstrap, PrimeNg, .NET, ASP.NET, PostgreSQL, Elasticsearch, Grafana, Docker, Dapper, Microservices



Evona wallet and payment provider integration

.NET, Third-party SDKs and libraries, Background workers, transactional money withdraw and deposit operations, ISO 20022 messaging protocol

PREVIOUS COMPANY PROJECTS



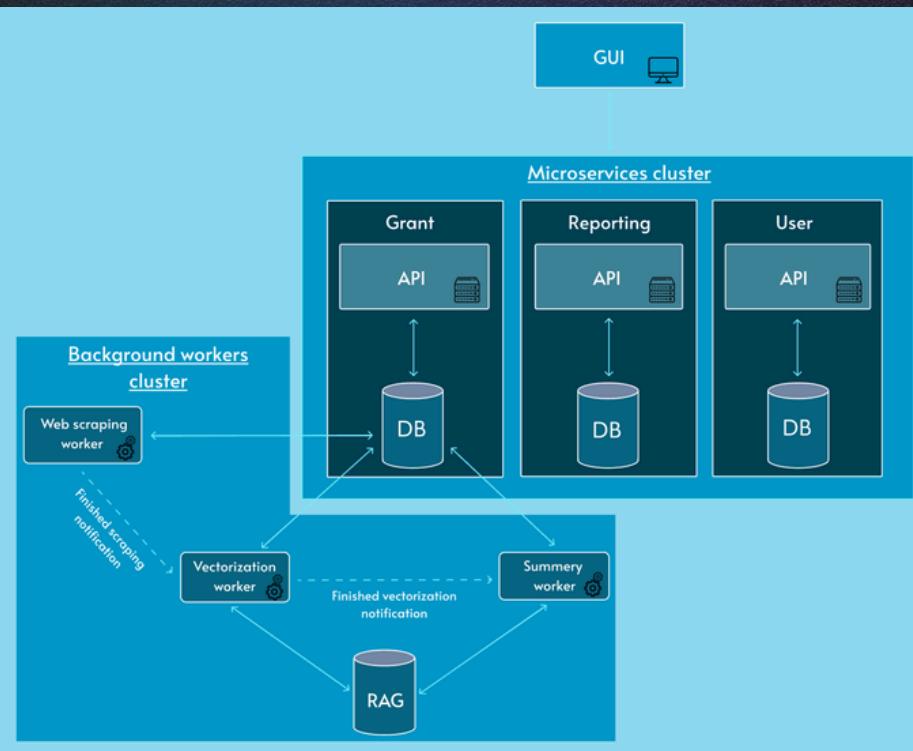
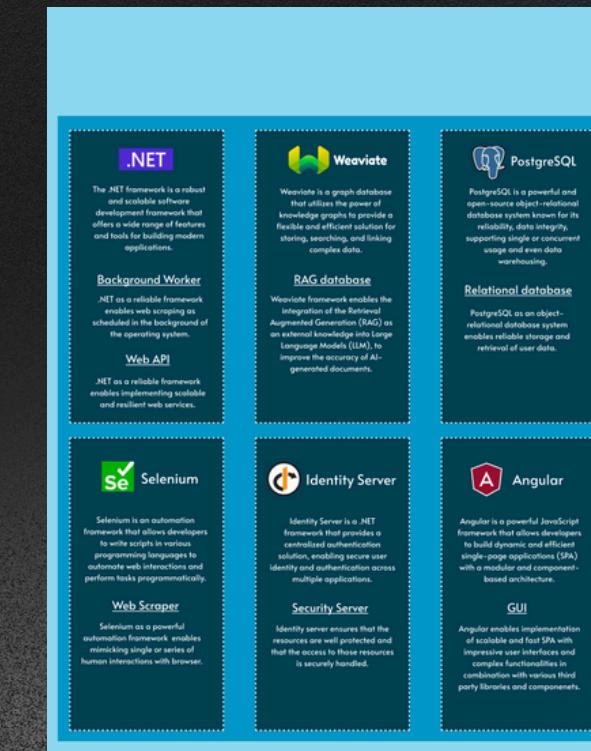
BRISK Questionnaire & Data fusion

Angular, PostgreSQL, .NET, Docker, Statistics, Mathematics, Data fusion, Excel generating/downloading

APPEAL Platform

.NET, Flask, Angular, PostgreSQL, PowerBI, Tableau, ETL, Tensorflow, Scikit-learn, IronPython, Matplotlib, Pandas, Keras, Graph.JS, Microservices

2021 - 2024



VOYAGER

.NET, Angular, LLAMA 2, Weaviate Vector Database, RAG, Web Scraping and storing text, Vector Search, Background workers processing,

GET IN TOUCH

Let's Work Together



Location

Mostar
Maglaj



Email & Website

smajlagicarmin@gmail.com



GitHub

[Various 10+ Repositories](#)



Web site

[Personal web site](#)



LinkedIn

[LinkedIn Profile](#)

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