

Faruk Valjevac, MSc.

FULL-STACK WEB DEVELOPER

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ABOUT ME

I am a Full-Stack Web Developer with extensive experience in the design, migration, development, and scaling of modern web applications. Through my versatile education and projects, I combine technical expertise with strategic thinking. I place high value on clean software architecture, automated processes, clear communication, and sustainable teamwork.

PROFESSIONAL EXPERIENCE

09/2026–Present — **Family Break & Career Reorientation**

Family time after the birth of my daughter, alongside career reorientation in software engineering.

09/2025–09/2026 — **Eversports** — Full-Stack Web Developer

- Development of web applications for managing sports facilities and booking systems
- Implementation of new features, closing feature gaps, and optimization of existing frontend and backend components
- Close collaboration with the product team to enhance user experience and performance

TypeScript, Node.js, NestJS, Next.js, React, AWS, PostgreSQL, Jest, GitHub, Monorepo

10/2023–08/2025 — **Bosch Engineering** — Tech Lead

- Development of scalable, cloud-hosted web applications
- Architectural decision-making, requirements analysis, and task definition/distribution within the team

AWS/Azure, GitHub Actions, API Security, Event-driven Development, Clean Code, Agile Principles

09/2022–08/2025 — **Bosch Engineering** — Full-Stack Web Developer

- Generation of functional requirements using LLMs for L2 predictions in the automotive industry
- Specialization in advanced analytics and scalable software architectures for efficient data visualization
- Migration of an internal Bosch project management and time-tracking tool from Monolith to Microservices

JavaScript/TypeScript, NestJS, Next.js, Vue.js, MongoDB, Oracle, Redis, Docker, Jest, GitHub, Ollama, Python

06/2021–06/2022 — **MyPlace-Selfstorage** — Software Developer

- Redesign and extension of legacy Python applications in C#
- Introduction and standardization of Clean Code guidelines
- Creation of technical documentation

Python, C#, xUnit.net, Docupedia, Jira

09/2020–05/2021 — **A1 Telekom Austria Group** — Network Data Analyst & Software Developer

- Delivery of analytical results via Web APIs and Python
- Conducted internal Python training sessions
- Development of Machine Learning algorithms
- Creation of Power BI dashboards
- Facilitated communication between international teams

Python, API, Machine Learning, TensorFlow, Keras

02/2020–08/2020 — **Software Daten Service** — Software Tester

- Testing of bugs and change requests for the “SDS GEOS” product
- Test automation, execution, and results analysis
- Manual testing within the regulatory domain (SDS GEOS)

01/2011–07/2020 — Various technical and non-technical roles

RELEVANT SIDE PROJECTS

ML Python — Machine Learning Crash Course (Open Source Project)

A publicly accessible repository providing annotated code to teach the fundamentals of Machine Learning. It includes Evernote documentation explaining terms, workflows, methods, and environment setup. The project is based on the Google ML Crash Course but focuses on a practical, streamlined summary. Click here to view the repository.

SmartExPort — AI-Powered Export Decision Platform

An innovative SaaS product for data-driven selection of international sales markets for SMEs. The platform utilizes Machine Learning and real-time data to support companies in strategic export decisions. As Lead Developer, I was responsible for the overall architecture, building an AI analysis engine to evaluate trade data from over 60 countries, and integrating an intelligent Ollama-based chatbot for interactive market analysis.

EDUCATION

09/2020–06/2022 **FH Technikum Wien** — MSc in Business Informatics (Double Degree)

- Artificial Intelligence in Business
- Visual Analytics
- Master's Thesis: "Design and Construction of an Architecture for a Digital Twin in Pharmaceutical Production (IoT, Big Data, Simulation Model)"

09/2021–06/2022 **HSE University Moscow** — MSc in Business Analytics and Big Data Systems (Double Degree)

- Neural Networks and Deep Learning
- Cloud Technologies
- Data Science
- Master's Thesis: "Design and Construction of an Architecture for a Digital Twin in Pharmaceutical Production"

09/2017–06/2020 **FH Technikum Wien** — BSc in Electronics

- Embedded Systems
- Internet of Things (IoT)
- Bachelor's Thesis: "Wi-Fi enabled Smart Plug with Intelligent Functions"

10/2014–07/2016 **University of Graz** — BSc in Business Administration

- Finance
- Accounting
- 134 ECTS completed

09/2008–06/2012 **Catholic School Center, Classical Gymnasium** — Sarajevo, Bosnia and Herzegovina

Focus: Mathematics, Physics, Sports

LANGUAGES

BKS	Native speaker
German	Fluent (written and spoken)
English	Fluent (written and spoken)

CERTIFICATES

02/2021 Building Recommender Systems with Machine Learning and AI, Sundog Education

01/2021 Edge Analytics: IoT and Data Science, LinkedIn Learning