

Davor Pihač

Senior Software Engineer & Architect

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Profile

Senior Software Engineer & Architect with 15+ years of experience designing and building reliable, scalable systems across **.NET, Go, JavaScript, and TypeScript**. Strong foundation in **system design** and **architecture** with a polyglot, pragmatic mindset. **Product-minded** and curious engineer who cares deeply about user experience, empathy in design, and building software that truly helps people.

Skills

Programming Languages & Frameworks: *C#, JavaScript, TypeScript, Go, | .NET Core, .NET 5-9, Node.js, ASP.NET Core, Entity Framework Core*

Architectural Patterns & Principles: *SOLID, Domain-Driven Design (DDD), Clean Architecture | RESTful APIs, Microservices, Event-Driven Architecture | RabbitMQ, Azure Service Bus, Kafka*

Cloud & Infrastructure: *Azure (App Services, Storage, Functions, Service Bus, CosmosDB, API Management) | CI/CD with Azure DevOps (Repos, Pipelines) | Docker, Docker Compose, Kubernetes | Cloudflare, GitHub Actions | Linux*

Databases: *- SQL / NoSQL (SQL Server, PostgreSQL, Table Storage, Mongo DB, Cosmos DB, Redis)*

Work Experience

Senior Software Developer, Appsfactory GmbH May 2023 – present
Leipzig, Germany
- **.NET / C#, Azure, AWS, Docker, Kubernetes**, backend, microservices

Software Engineer, Billwerk+ May 2022 – Apr 2023
Remote, Germany
- **.NET Core / C#, ASP.NET Core, MongoDB**, Angular
- Recurring billing and payments
- Integration of the Amazon Pay payment service provider

Senior Software Developer, Appsfactory GmbH Jul 2018 – Apr 2022
Leipzig, Germany
- **.NET Core / C#, Go and Azure, backend**
- Digital agency and consulting
- Technical recruiter in the full-stack team

Software Engineer, Utilis d.o.o. Jan 2013 – Jun 2018
Zagreb, Croatia
- **ASP.NET / C#, SQL Server, JavaScript**
- Full-stack developer, member of small development team
- Development of custom software solutions / products

Junior Software Developer, King ICT Jan 2009 – May 2012
Zagreb, Croatia
- **ASP.NET / C#, SQL Server**, JavaScript
- Web developer, projects for Government / agencies, mostly for the Ministry of Science, Education and Sports of the Republic of Croatia

Projects

ASEL, Speech to text, translation

May 2023 – present

Microservice based solution for automatic speech recognition, transcription and translation, based on the open source and in-house solutions.

Technologies: **ASP.NET Core, .NET6/8, C#, Azure, Docker, Docker Compose, Kubernetes, ELK stack, Postgres, SQL Server**

Jumio Identity Verification (Daimler AG)

2019 – 2022

Implementation of Jumio SDK for the purpose of Identity Verification

Technologies: **Go, Swagger, Azure (Cosmos DB, API Management, Durable Functions), .NET 6, C#**

House of Color (Henkel)

Oct 2020 – May 2021

Backend for the mobile app used by hair stylists. This new version has significantly simplified and reduced code base (up to 5x), uses new technologies and is based on Clean Code Architecture.

Technologies: **.NET 5, C# 9, Azure (App Services, Durable Functions), Azure SQL, Swagger, Vue.js**

Deep Tag Recommender (Appsfactory GmbH)

2020 – 2020

SaaS project which uses Machine Learning to extract keywords from content and recommends related content. I was member of a team responsible for the RESTful APIs, frontend demo application and infrastructure.

Technologies: **.NET Core, C#, Azure (Functions, Cosmos DB, Service Bus), JavaScript, Vue.js**

Mercedes me 2020 (Daimler AG), Backend for Frontend

2019 – 2020

I supported backend team in implementing RESTful interface in Backend for Frontend which is used by the Mercedes me 2020 app.

Technologies: **Go, Swagger, GoLand**

SwissRe Gamification (Swiss Re), Backend

Jul 2018 – Jan 2019

Member of a cross-functional team, I worked on mostly on implementing backend for Gamification feature used in mobile app.

Technologies: **.NET Framework, C#, Service Fabric and Azure (SQL, Service Bus, Functions)**

Languages

Croatian (Native) • **English** (C2) • **German** (A2) • **Persian**

Education

Zagreb University of Applied Sciences,

bacc. ing. techn. inf. Information Technology

2010

Zagreb, Croatia