

Petr Vitner

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SUMMARY

- Deep knowledge of **Microsoft stack**: .Net, Asp.Net, Entity Framework Core, MS SQL Server.
- **Hands-on experience** with building and maintaining applications according to client requirements.
- Evaluation of client needs, finding out the **best possible solution** that balances robustness with invested effort.
- **9 years** of professional software development experience.

EXPERIENCE

ALGO TRADING ON CRYPTO EXCHANGE | SOFTWARE DEVELOPER C#

September 2024 – Present

- Building **High Frequency trading** (HFT) solution with group of friends.
- Introducing high level optimizations to be as fast as possible (communication with exchange, efficient decision making, lower GC time to bare minimum).
- **Technical Highlights**:
 - Creating storage system with entire one year orderbook update data (10+TB),
 - implementing allocation free and fast ClientWebSocket (faster by 30% in comparison to native implementation),
 - trading data analysis and writing trading strategies.

CLEO FINANCE | SOFTWARE DEVELOPER C#

October 2019 – July 2024

- Building automated trading platform with microservice architecture.
- Created resilient connection to multiple crypto exchanges including throttling and retrying logic considering each exchange's specifics.
- **Project leadership**: since September 2021 acted as team lead managing the full lifecycle of tax accounting tool development for big4 company.
- Using event sourcing pattern to save data - for auditability.
- **Tech stack**: .NET Core, React, Rabbit MQ, MongoDB, Microsoft SQL Server, Entity Framework Core.

BIZMACHINE | JUNIOR SOFTWARE DEVELOPER C#

January 2017 – September 2019 | Prague

- Created parallelized crawlers infrastructure with regular updates of database.
- Built web tool for managing sales processes and serving leads to multiple companies.
- **Tech stack**: ASP.NET, JS, Microsoft SQL Server, T-SQL, Entity Framework.

CSMV (SPORTS CENTER OF THE MINISTRY OF THE INTERIOR) | PROFESSIONAL ATHLETE

September 2014 – September 2017 | Prague

- Represented Czechia in multiple international competitions as a middle-distance runner.
- **Strong discipline and regime** was must to train twice a day and run over **5000km** yearly.

EDUCATION

BRNO UNIVERSITY OF TECHNOLOGY

FACULTY OF ELECTROTECHNICS AND COMMUNICATION TECHNOLOGIES

2009-2014 | Brno

- **Master's degree (Ing.)** in Informatics and communication technologies.
- **Thesis**: Installation and configuration of computing cluster.

SKILLS

TECH

- **Languages**: C# (.NET Core/ASP.NET), T-SQL, JavaScript.
- **Data/Storage**: MongoDB, MS SQL Server, Entity Framework.
- **DevOps/Tools**: Docker, Git, CI/CD, Powershell, RabbitMQ.

LANGUAGES

Czech
English