

PATRYK WOS

Remote, United Kingdom

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WORK EXPERIENCE

Inflo

Software Engineer

Jul 2024 – Present

Remote, United Kingdom

- Established Unit Testing and coding standards to help unify the review and development process.
- Reviewed 500+ Pull Requests as one of the main reviewers.
- Developed a pre-commit git hook and other scripts.
- Wrote SQL queries to resolve client issues and populate testing environments.
- Patented reusable, shared components in Blazor and numerous API endpoints.

Worldline

Software Engineer

Sep 2023 – Jul 2024

Nottingham, United Kingdom

- Completed numerous user stories, contributing to a more efficient .NET API.
- Deployed CI/CD pipelines in Azure and resolved deployment issues.
- Developed unit tests to support .NET projects.
- Built Svelte and Typescript applications for improved user experience. Used AWS Lambdas.
- Pioneered modern solutions to address long-standing technical challenges.

Deltek

Software Engineer

July 2021 – Sep 2023

Nottingham, United Kingdom

- Implemented Azure AD authentication for a widely used application.
- Produced a connector for .NET API written in Ruby for third party providers.
- Contributed to the development and execution of unit tests for .NET APIs.
- Developed migration and deployment tools for efficient database management.
- Coordinated the team as a Scrum Master, facilitating agile development practices.
- Mentored junior developers, fostering their growth and development.

Staffordshire Police, Forensic Recovery Unit

Volunteer

Jan 2020 – May 2021

Stoke-on-Trent, United Kingdom

- Created a WPF-based application to streamline forensic recovery workflows.
- Utilized SQL databases with EF6 for efficient data storage and retrieval.
- Consulted with the department to ensure the application met their specific needs.
- Addressed security implications and tackled deployment challenges.

PERSONAL PROJECTS

Physical Simulation | [C#](#), [Wasm](#), [Blazor](#) | [View Page](#)

- Implemented a physical simulation application to gain practical knowledge in visualization techniques.
- Deployed using GitHub Pages with GitHub Actions, utilising Wasm deployment.

User Management API | [.NET API](#) | [View Code](#)

- API Developed for an assessment.
- Implemented using classical MVC .NET API.

Personal Site | [React](#), [Typescript](#) | [View Page](#)

- Built a personal website as a showcase for skills and interests.
- Deployed using GitHub Pages with GitHub Actions.

EDUCATION

Staffordshire University

Bachelor of Science in Software Engineering (1st with Hons)

2018 - 2021

Stoke-on-Trent, UK

TECHNICAL SKILLS

Languages: C#, bash, JavaScript, Typescript, T-SQL, Java, Android, Ruby

Technologies/Frameworks/Libraries: .NET, LINQ, Entity Framework 6, Svelte, Node.js, React TS, Xamarin

Other: Software Architecture, Scrum Master, Agile, SOLID, Kanban, BDD

ACHIEVEMENTS

- Rob Shaw Student of the Year Award (2022)
- Mentor at Staffordshire University (2022)
- Project Participant in Zdolni z Pomorza (2012-2018)