PATRYK WOS

Remote, United Kingdom

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WORK EXPERIENCE

Inflo   **Jul 2024 – Present**
Senior Software Engineer   *Remote, United Kingdom*
- Established Unit Testing and coding standards to help unify the review and development process.
- Lead a scrum team within as the only senior on the team.
- 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.

Worldline   **Sep 2023 – Jul 2024**
Software Engineer   *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   **July 2021 – Sep 2023**
Software Engineer   *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   **Jan 2020 – May 2021**
Volunteer   *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

Google Takeout Merger | *.NET* | View Code
- Built an in-line tool to merge json metadata with the photos.
- Adjusted to work with different file types, added support for different metadata types.

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.

EDUCATION

Staffordshire University   **2018 - 2021**
Bachelor of Science in Software Engineering (1st with Hons)   *Stoke-on-Trent, UK*

TECHNICAL SKILLS

Languages: C#, SQL, 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)