

# PATRYK WOS

Nottingham, United Kingdom

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## WORK EXPERIENCE

### Worldline

Sep 2023 – Present

Software Engineer

Nottingham, United Kingdom

- **Elevated overall performance and quality:** Improved many operations, contributing to a more efficient .NET API.
- **Modernized application development:** Built Svelte and Typescript applications for improved user experience.
- **Enhanced code maintainability and reliability:** Developed unit tests to support .NET projects.
- **Streamlined deployment process:** Deployed CI pipelines in Azure and resolved deployment issues.
- **Championed innovation:** Pioneered modern solutions to address long-standing technical challenges.

### DelteK

Dec 2022 – Sep 2023

Software Engineer

Nottingham, United Kingdom

- **Strengthened application security:** Implemented Azure AD authentication for a widely used application.
- **Delivered robust solutions:** Provided SOLID solutions within the .NET API environment.
- **Ensured code quality:** Contributed to the development and execution of unit tests for .NET APIs.
- **Database expertise:** Developed migration and deployment tools for efficient database management.
- **Team leadership:** Coordinated the team as a Scrum Master, facilitating agile development practices.
- **Knowledge sharing:** Mentored junior developers, fostering their growth and development.

### DelteK

July 2021 – Dec 2022

Associate Software Engineer

Nottingham, United Kingdom

- **Full-stack development:** Developed .NET Core Web applications utilizing T-SQL, JavaScript, and C#.
- **Database management:** Maintained and created database deployment tools for a Ground-to-Cloud operation.
- **Strengthened application security:** Engineered solutions to modernize a legacy codebase and integrate it with modern applications.
- **Technical communication:** Collaborated with Product Managers to understand requirements and develop solutions.

### Staffordshire Police, Forensic Recovery Unit

Jan 2020 – May 2021

Volunteer

Stoke-on-Trent, United Kingdom

- **Workflow application development:** Created a WPF-based application to streamline forensic recovery workflows.
- **Database integration:** Utilized SQL databases with EF6 for efficient data storage and retrieval.
- **User-centric design:** Consulted with the department to ensure the application met their specific needs.
- **Security focus:** Addressed security implications and tackled deployment challenges.

## EDUCATION

### Staffordshire University

2018 - 2021

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

Stoke-on-Trent, UK

## 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.

### HLTB API | .NET API, Postman | [View Code](#)

- Developed an API to simplify access to the How Long to Beat 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.

## TECHNICAL SKILLS

**Languages:** C#, 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

## ACHIEVEMENTS

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