

# Maciej Majorczyk

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## Summary

Full-stack developer with a year of industry experience at Pinewood Technologies, contributing to company websites and maintaining APIs, databases, and core platform services, and delivering a company-wide talk on Dependency Injection.

On track for First-Class Honors at Aston University, consistently combining technical depth with a drive to learn and improve. Beyond academia and placement, I've built independent and group projects such as WaterDash and Option-11, balancing ambitious ideas with realistic expectations and a touch of creative flair.

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## Technical Skills

**Languages:** C#, Java, Python, PHP, TypeScript, JavaScript, SQL, HTML, CSS

**Frameworks:** .NET (Core, MVC, Razor Pages), React, Angular, Knockout.js, RESTful API development

**Cloud & DevOps:** Azure (DevOps, App Insights, SQL Databases), AWS, CI/CD (GitHub Actions, Azure Pipelines), Docker

**Data & Search:** MySQL, Azure SQL, Entity Framework / Entity Framework Core, ORM, Solr

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## Experience

### Placement Year Developer | Pinewood Technologies, Birmingham — 2024–2025

#### *Auth 2.0 Login Flow Upgrade* | C#, Razor Pages, JavaScript, Azure DevOps, App Insights

- Migrated authentication to OAuth 2.0 with zero downtime; implemented secure routing and token handling.
- Monitored rollout with Azure App Insights ensuring seamless adoption and no login issues.

#### *Feature Compatibility Across Legacy & Modern Systems* | Entity Framework Core ORM, Solr, Knockout.js, C#, Azure SQL

- Delivered new features while preserving legacy compatibility; optimized Solr search and Knockout.js bindings while developing new lookup functionalities.

#### *Dependency Injection Company Presentation* | .NET, DI Patterns

- Presented company-wide talk on DI Principles attended by 20+ developers; praised for clarity and actionable guidance.
- Presentation resulted in an overhaul of existing implementations across multiple teams throughout the company by new and existing developers.

#### *Microservices Based Architecture* | Microservices, RESTful APIs

- Created and maintained Microservices based architecture to handle various business logic.
  - Developed packages to allow external API communications with CAP/AutoTrader/HCI.
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## Projects

### *WaterDash* – E-commerce Platform | Laravel, React, MySQL, AWS

- Built a subscription-based water delivery site with secure checkout and postcode validation.

### *Option-11* – Group E-Commerce Project | PHP (custom MVC), React, MySQL

- Led development of compatibility checker and admin features; collaborated with fellow students; project achieved First-Class marks and was presented to Aston Stakeholders and potential employers

### *Komify* – Chrome Extension | JavaScript, HTML, CSS

- Created lightweight extension overlaying background-less image elements on YouTube thumbnails with toggle features and without increasing loading times.

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## Education

*BSc (Hons) Computer Science with Year in Industry* – Aston University, Birmingham — 2022–2026

On track for First-Class Honors (average ~81%).

*Level 3 Extended Diploma in Application Development* – Burton & South Derbyshire College — 2019–2022

Achieved D\*D\*D\* (triple distinction star).