Maciej Majorczyk

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Summary

Full-stack developer with a year of industry experience as a Placement Year Developer at Pinewood.AI, working on production web systems, authentication flows, APIs, and microservice-based back-end services within a large, established codebase.

Currently on track for First-Class Honors in Computer Science at Aston University. Alongside industry experience, I've delivered real-world freelance work including a live Shopify subscription platform, and led a six-person university group project, taking responsibility for core back-end systems and technical direction.

Technical Skills

Languages: C#, Java, Python, PHP, JavaScript, TypeScript, SQL, HTML, CSS
Frameworks & Libraries: .NET (Core, MVC, Razor Pages), React, Knockout.js
Backend & APIs: RESTful APIs, OAuth 2.0, Entity Framework Core, Microservices
Cloud & DevOps: Azure DevOps, Azure App Insights, Azure SQL, CI/CD
Platforms & Tools: Shopify, Git, Docker, Solr

Experience

Placement Year Developer | Pinewood.AI (Formerly Pinewood Technologies), Birmingham — 2024–2025

- Worked as part of a 13-person web team including senior developers and an architect, collaborating closely with product owners, architects, and other engineering teams on back-end–heavy platform features.
- Took ownership of work items from a Kanban-style Azure DevOps board, breaking high-level requirements into deliverables and tasks, writing technical descriptions, and implementing features end to end within an established codebase.
- Contributed to production web systems within a large, long-lived platform, working within strict coding standards and architectural constraints common to enterprise environments.

Authentication & Platform Security (OAuth 2.0 Migration)
- Implemented a company-wide upgrade of the authentication flow to align with OAuth 2.0 standards, modifying core login logic used across the platform.
- Delivered changes based on an agreed architectural design, while independently implementing required code changes and ensuring compatibility across existing systems.
- Supported rollout and monitoring using Azure Application Insights to ensure a smooth transition with no disruption to users.

Feature Compatibility Across Legacy & Modern Systems
- Delivered new features while maintaining compatibility between legacy and modern components of the platform.
- Worked with Entity Framework Core, Azure SQL, Solr, and Knockout.js to extend functionality without breaking dependent systems.
- Balanced technical debt and existing patterns with new development, gaining experience working within real-world constraints rather than greenfield assumptions.
- Technologies: **C#, .NET, Razor Pages, Knockout.js, Entity Framework Core, Azure SQL, Solr**

Dependency Injection Company Presentation
- Delivered a company-wide technical presentation on Dependency Injection principles in .NET as part of onboarding and knowledge-sharing efforts.
- Presentation was attended by a large cross-section of developers and praised for clarity and practical applicability.

Microservices & API Development
- Developed and maintained RESTful APIs within a microservices-based architecture, supporting both internal services and external integrations.
- Implemented back-end logic including C# service layers and SQL scripts, following established company standards.
- Built and maintained packages enabling external API communication with third-party platforms such as CAP, AutoTrader, and HCI.
- Technologies: **C#, .NET, REST APIs, Microservices, Azure SQL**

Freelance Web Developer

WaterDash 2024 – Present
- Delivered a live Shopify storefront for a subscription-based water delivery startup, working directly with a client referred to through professional contacts.
- Configured Shopify checkout and storefront functionality, integrating a third-party subscription management service while implementing custom logic where platform limitations existed.
- Designed and implemented custom JavaScript postcode validation that communicated with Shopify's back-end to enforce delivery zones and availability rules.
- Built delivery-zone logic that allowed the client to update eligible postcodes dynamically via Shopify, with changes reflected automatically in the front-end validation layer.
- Developed custom HTML, CSS, and JavaScript to support subscription-aware pages, order management, and order history functionality.
- Worked within third-party constraints for payments and subscriptions, focusing custom development on business-specific logic.
- Technologies: **Shopify, JavaScript, HTML, CSS, REST APIs**

Projects

Option-11 – Group E-Commerce Project Aston University | 2024
- Led a six-person development team, assigning tasks, coordinating progress, and contributing significantly to both front-end and back-end development.
- Took ownership of the project's core back-end systems, including database interaction, server-side logic, and front-end data integration.
- Designed and implemented a compatibility checker feature independently, handling business rules, data access, and user interaction logic.
- Worked closely with databases and server hosting, gaining experience deploying and maintaining a live development environment under time and resource constraints.
- Collaborated with team members responsible for product pages, search functionality, and UI features, integrating their work with core systems.
- Project achieved a high first-class mark (78/100), with individual grading based on contribution and technical responsibility.
- Technologies: Node.js, PHP, Laravel, JavaScript, HTML, CSS, SQL

Education

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

- On track for First-Class Honors

Level 3 Extended Diploma in Application Development – Burton & South Derbyshire College — 2019–2021
- Achieved D*D*D* (triple distinction sta**r**).