

Software Developer | Agile Practitioner | Azure Practitioner

PROFESSIONAL PROFILE

Results-driven backend Software Developer with 2 years of experience in agile environments. Proven track record of achieving sprint targets and delivering successful project milestones. Skilled in C#, .NET, C++, and Unreal Engine, focusing on creating modular, scalable codebases and efficient data management systems. Adept at collaborating with cross-functional teams and committed to continuous learning and skill enhancement.

KEY SKILLS

- | | | |
|---------------|-----------------|--------------------|
| ✓ C# .Net | ✓ Git | ✓ Agile |
| ✓ C++ | ✓ OOP | ✓ SOLID Principles |
| ✓ RESTful API | ✓ Unreal Engine | ✓ Multi-Threading |

PROFESSIONAL EXPERIENCE

June 2023 - Present, C++ Developer, Born in a Storm

- Developed a data management system within Unreal to handle dynamic application states, ensuring data consistency and synchronization across networked clients.
- Boosted system responsiveness by **20%** through the strategic design and implementation of an event-driven architecture, leveraging delegates and asynchronous programming.
- Streamlined team collaboration and reduced technical debt by 15% by strictly enforcing OOP and SOLID principles, designing a modular, scalable codebase that significantly improved maintainability and team efficiency.
- Cut developer onboarding time by **30%** by crafting detailed, user-friendly documentation, accelerating team productivity.

June 2024 – Present, Automated Influencer Bot

- Engineered a robust web scraping feature in a .NET MAUI app, utilizing HtmlAgilityPack for dynamic HTML data extraction and REST API integration, driving efficient data retrieval from Google Sheets.
- Ensured real-time data accuracy by employing C# LINQ for dynamic filtering and retrieval, based on real-time parameters fetched via Google Sheets integration.
- Automated data retrieval and integration from external sources by developing a secure REST API access pipeline via HttpClient, enhancing data processing efficiency.
- Fortified application security by implementing OAuth 2.0 with Azure AD and Google Cloud, managing secure access tokens and multi-platform authentication for seamless API data access.

December 2022 – June 2023, Tech Analyst, Eversheds and Sutherland via Grayce

- Optimized ETL processes and boosted data flow efficiency by **25%** by integrating Power Automate with RESTful APIs, enhancing internal and external system performance.
- Integrated Power Apps and Power Automate with existing systems, enabling real-time synchronization with SQL/NoSQL databases through RESTful APIs.
- Reduced operational costs by **10%** by automating workflows and minimizing manual intervention, driving operational efficiency through process optimization.
- Delivered comprehensive user training on Power Apps and Power Automate, focusing on API-driven automation and data management.
- Collaborated with stakeholders to enhance business processes through Power Platform tools, reducing costs and improving efficiency via API integrations.

EDUCATION

- **(MSc) Computer Science for Games Development, University of Hull (Merit)**
- **(BSc) Computer Science for Games Development, University of Hull (Second class, First Division)**

QUALIFICATIONS

- **Elements of A.I** - Online course from the University of Helsinki worth 2 ECTS credits
- **Agile certificate** - A comprehensive Agile certification
- **Azure Fundamentals** - Part of training at Anglo-American, preferred cloud provider
- **AWS Cloud Practitioner** - Foundational certification for AWS
- **Full UK Driving Licence**