

Software Developer | Agile Practitioner | Azure Practitioner

PROFESSIONAL PROFILE

Results-driven 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++, Git, 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++	✓ Azure	✓ 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.
- Designed and implemented an event-driven system using delegates and asynchronous programming, resulting in a **20%** increase in system responsiveness.
- Enhanced collaboration by adhering to OOP and SOLID principles, reducing technical debt by **15%**.
- Authored clear and comprehensive documentation that reduced onboarding time for new developers by **30%**.
- Collaborated in Agile workflow with designers, front-end developers, and network engineers to integrate the event-driven system and data management, ensuring a cohesive user experience.

June 2024 – Present, Automated Influencer Bot

- Developed a web scraping feature in a .NET MAUI app using HtmlAgilityPack to parse and extract HTML data, with search parameters dynamically retrieved from Google Sheets via REST API integration.
- Leveraged C# LINQ for filtering and retrieving relevant people from web pages based on search parameters fetched from Google Sheets, ensuring up-to-date data.
- Integrated REST APIs with HttpClient to securely access Google Sheets data, streamlining the data retrieval process and automating the integration of search parameters from external sources.
- Implemented OAuth 2.0 with Azure AD and Google Cloud for multi-platform authentication, utilizing Microsoft.Identity.Client and Google.Apis.Auth to manage secure access tokens and authenticate API requests for Google Sheets data.
- Collaborated with stakeholders to refine the app's features, ensuring the integration of dynamic Google Sheets data met user requirements, optimizing the web scraping and data management workflows.

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

- Streamlined ETL processes by integrating Power Automate with RESTful APIs, improving data flow efficiency by **25%** within internal and external systems.
- Integrated Power Apps and Power Automate with existing systems, enabling real-time synchronization with SQL/NoSQL databases through RESTful APIs.
- Automated workflows, reducing manual intervention and operational costs by **10%** through optimized business processes.
- 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