

Systems Developer and recent MSc Intelligent Systems and Robotics graduate with broad technical ability and a strong understanding of the C# and C++ programming languages. Demonstrable experience in analysing, designing, developing, testing, and implementing company's platform technologies in a number of platforms.

AREAS OF EXPERTISE

- MACHINE LEARNING & ARTIFICIAL INTELLIGENCE
- SYSTEMS DEVELOPMENT
- COMPUTER SCIENCE
- TECHNICAL ENGINEERING
- AGILE WORKING
- QUALITY ASSURANCE
- TRAINING & COACHING
- IMPROVING INEFFICIENCIES
- PROCEDURE DEVELOPMENT
- TECHNICAL REPORTING

TECHNICAL SKILLS

LANGUAGES: C#, C/C++, PHP 5.6+, Perl, Java, VBA/VB.NET and learning Python 3+

DATABASES: SQL Server, Entity Framework, MySQL/MariaDB, Galera, Maxscale

WEB TECHNOLOGIES: .NET, WCF, Drupal 7, Moodle, JSON, XML, Responsive HTML 5, CSS 3, JavaScript, JQuery

WEB SERVERS: IIS 7+, Apache, Nginx, Haproxy, Memcached.

Operating Systems: Windows Server 2016+, Linux (Centos, Debian)

OTHER: Unity 3D, Asana, Visual Studio IDE, Php storm, MS/Libre Office, Jira Software, Git, SVN, VMware ESXi

CORE SKILLS & COMPETENCIES

- Success in designing and implementing software projects using Unity and C#.
- Commercial experience and involvement in enforcing and policing coding practices within a team environment.
- Competent in discussing technical matters in a non-technical language.
- Understanding of basic architectural patterns.
- Skilled in producing code fixes to reported bugs, defects, and extend existing applications functionality based on user requirements.
- Task Management & Workflow Co-ordination skills; co-ordinating, planning, prioritizing, scheduling, delegating, and multitasking while employing Time Management techniques.
- First-rate communication skills; written, verbal, non-verbal, interpersonal, and active listening skills.
- Fluency in building rapport and maintaining strong, credible working relationships with diverse groups / professionals across all levels of the business.
- Capable of fulfilling high demands, meeting conflicting deadlines, and remaining focused under pressure.

QUALIFICATIONS

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| 2018 – 2022 | MSc Intelligent Systems & Robotics (Distinction)
<i>De Monfort University [Part Time via Distance Learning]</i> |
| 2010 – 2011 | Web Development & Linux Systems Administration
<i>University of the West of Scotland</i> |
| 2010 – 2010 | Microsoft Certified Systems Administrator: Windows Server 2003 |
| 2005 – 2006 | PgDip Informatics
<i>Glasgow Caledonian University</i> |
| 2001 – 2004 | BSc Computer Games Technology
<i>University of Paisley</i> |

PROFESSIONAL EXPERIENCE

SYSTEMS DEVELOPER

Volaro Ltd | Feb'18 – Present

- Part of a team that designs, develops and supports a bespoke C# based web application for contract document processing on behalf of multiple well-known international airlines.
- Consulted and lead discussions with client stakeholders to identify and refine requirements for new functionality as well as implementation and testing.
- Maintained legacy products in a range of languages including C#, VBA and VB.NET.
- Took ownership for delivery of a project involving the migration of a single server setup to a multiple VM cloud-based infrastructure.

SYSTEMS DEVELOPER

City of Glasgow College | Aug'15 – Feb'18

- Delivered new features to existing core college systems and helped facilitate the implementation of new systems in line with the colleges' strategic vision.
- Designed, developed, maintained, and supported multiple bespoke (Drupal-based) cross-College information portals for both staff and students.
- Investigated and resolved issues that occurred within the college systems.
- Installed, configured, and maintained college web and database servers.
- Contributed to regular IT projects, and participated in all progress monitoring and planning meetings.
- Complied to Health and Safety and security measures in accordance with statutory and College requirements.
- Produced detailed documentation and other suitable training materials.
- Utilised Atlassian software development tools such as Jira, Bitbucket, and Confluence.

PERSONAL ATTRIBUTES

- Keen to learn.
- Wishes to pursue professional growth & self-development.
- Curious.
- Numerate and analytical.
- Business-minded.
- Observant and alert.
- Collaborative and supportive.
- Dedicated & committed.
- Likes to explore new technologies.
- Versatile and adaptable to rapid change.

SENIOR APPLICATION SUPPORT

Traveltek Ltd | *Sep'11 – Aug'15*

- Enhanced and debugged a bespoke (LAMP based) dynamic web application for the travel industry.
- Resolved support issues for clients and exceeded SLA targets.
- Assisted peers in their duties, and provided training to strengthen their knowledge and confidence in the job.
- Improved XML integrations in collaboration with third-party suppliers.
- Covered aspects of quality assurance including debugging and testing code, and aspects of development including gathering requirements writing new Perl code and documentation.