

CONOR WYMBERRY

Senior Technical Analyst

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SUMMARY

Senior Technical Analyst with experience in solution design, security requirements, and risk management across enterprise systems. Holds an MSc in Cyber Security from Northumbria University and published researcher in AI security, the MITRE ATLAS framework's effectiveness in threat modeling and protecting machine learning systems against data poisoning attacks. Current role includes collaborating with security teams on solution design reviews, conducting DPIA assessments, enterprise authentication system migrations, and requirements gathering. Combines technical expertise with strong stakeholder engagement skills to align security and business requirements across enterprise platforms including CRM, billing, and customer-facing applications. Experienced in managing technical solution design reviews and maintaining effective relationships across technical and business teams.

KEY SKILLS

Cybersecurity, Risk Assessment, Regulatory Compliance, Full SDLC, System Analysis, Technical Architecture, Software Development, Project Management, Strategic Planning, Stakeholder Engagement, Requirements Gathering, Solution Design

EXPERIENCE

10/2022 - Present

Dublin, Ireland

Senior Technical Analyst

SSE Airtricity

- Conduct security analysis and contribute to DPIA assessments in collaboration with DPO team, covering enterprise platforms including CRM, Billing, and customer-facing applications, ensuring comprehensive risk identification and mitigation
- Perform risk identification and mitigation through security design reviews, collaborating with IT security teams across small and large projects.
- Create security authentication data flows compliant with DPIA and GDPR regulations.
- Work on digital transformation initiatives, transitioning from legacy systems to modern platforms. Including the migration from a legacy authentication system to Azure B2C effecting over 300k users.
- Work with Solution Architects and UX Designers to review and document technical solution designs.
- Lead requirements capture on small, medium and large sized projects, ensuring alignment with business goals and regulatory standards.
- Collaborated with IT security teams to review and address vulnerabilities identified during penetration testing, ensuring compliance with security standards and mitigating risks.

04/2021 - 09/2021

Waterford, Ireland

Self Employed

Self Employed

- After a brief career break from March to September 2021, I was involved in continuous professional development, advancing my skill set in project management and cyber security.
- Completed a Professional Diploma in Project Management and currently completing a Master's in Cyber Security (parti-time) from Northumbria University, UK.
- The master's program is certified in Cyber Security from the National Cyber Security Centre, UK.

01/2021 - 03/2022

Waterford, Ireland

Technical Consultant (Contract)

PlayerStat Data

- PlayerStat Data are a start-up specializing in the sale of soccer player performance data to elite league of Ireland players, clubs (UK) and soccer agents looking at possible talent.
- Documented the as-is state of data capture, workflows, and existing business processes.
- Created a to-be model and advised on a solution design using Microsoft Azure services that would support plans for the strategic twelve-month growth plan for the business.

EXPERIENCE

06/2006 - 10/2020

Dublin, Ireland

Solution Designer

British Telecom (Ireland)

- Led GDPR compliance solution for corporate customer electronic billing system (potential €10M violation fine). Delivered platform solution design, systems analysis, and stakeholder engagement.
- Information security incident reporting to senior IT management, conducting analysis and coordinating responses between BT Ireland and wider BT Group.
- Conducted technical analysis for five-year transformation to Red Hat OpenShift (PaaS), identifying team skill gaps and defining onboarding projects for use on the platform.
- Technical lead for migration from Microsoft BizTalk to web services platform, performing solution design, systems/business analysis, stakeholder management, and delivering cost savings through hardware decommission and reduced licensing.
- Technical lead on implementation team transitioning from Waterfall to Scrum Agile. Liaising with business stakeholders and supporting and mentoring junior staff. I also led the adoption of new technical work practices.
- Business system analyst on core billing platform upgrade, documenting point-to-point and bespoke system interactions and defining required upgrade actions for these systems.
- Collaborated with offshore teams in Agile sprints, managing requirements, product backlog, user stories, test cases, stakeholder communication, retrospectives and estimations.
- Delivered solution design and system/business analysis through full software lifecycle (including deployment/rollback strategies) for core sales, billing, and CRM systems. Created work estimates, requirements, and solution designs for large and medium scale projects using Agile and Waterfall methodologies.

04/1998 - 06/2006

Dublin, Ireland

Systems Analyst/ Software Developer

Esat Telecom

- Senior developer and systems analyst on 3rd Party and bespoke software solutions including multi-tiered ASP.NET, Web Services, batch jobs, C#, VB.NET, Oracle PL/SQL.
- Developer and systems analyst for external facing online sales point for residential/SME customers using Oracle BEA WebLogic Server linked to BT Ireland's billing systems and external 3rd Party Systems including credit card payment servers.
- Conducting 3rd level troubleshooting of production technical issues plus mentoring junior staff and working with 3rd party consultancies.
- Technical analysis and development on company wide Siebel CRM solution with new functionality and change request management.

EDUCATION

10/2021 - 10/2023

London, UK

MSc Cyber Security

Northumbria University

01/2023 - 02/2023

Dublin, Ireland

Professional Diploma in Project Management

UCD Professional Academy

01/2020 - 06/2020

Dublin, Ireland

Diploma in Cloud Migration

Fitzwilliam Institute

09/1998 - 05/2020

Dublin, Ireland

Bachelors Information Systems

Trinity College

PUBLICATIONS

An Approach to Measure the Effectiveness of the MITRE ATLAS Framework in Safeguarding Machine Learning Systems Against Data Poisoning Attack.

Springer

Wymberry, C / Jahankhani, H.

📅 2024 🔗 https://link.springer.com/chapter/10.1007/978-3-031-52272-7_4?

Cybersecurity and Artificial Intelligence Transformational Strategies and Disruptive Innovation

CERTIFICATIONS

Certified Ethical Hacker (CEH)

EC-Council, 2024

Microsoft Azure Fundamentals

Microsoft, 2020

Agile Threat Modelling

AppSecEngineer, 2024

Professional Cloud Solutions Architect

Cloud Credential Council, 2020

CERTIFICATIONS

TOGAF 9.2 Foundation

The Open Group, 2020

IASA Associate (CITA-A) Software Architecture

IASA, 2015

Security+

CompTIA, 2014

Intermediate Enterprise & Solution Architecture

BCS, The Chartered Institute for IT, 2018

Professional Scrum Master

Scrum.org, 2014

TECHNICAL TOOLS AND TECHNOLOGIES

Security Frameworks & Standards

NIST, GDPR, MITRE ATT&CK, MITRE ATLAS

Cloud

Microsoft Azure, Red Hat OpenShift

Database

Oracle, MS SQL Server, MySQL Server

Software Development

C#, ASP.NET, VB.NET, Visual Basic, Ajax, COM+, VB Script, JavaScript, Spring Boot, HTML, XML

Other

BizTalk 2005, TeamCity, Jenkins, Docker, REST, SOAP, Kali Linux, Visio, Microsoft Threat Modelling Tool