Highly experienced and exceptionally motivated Technological Leader, skilled in Full-Stack Software Engineering, Automation, and Business-Technology Integrations with a comprehensive expertise in developing commercially successful IT applications for both large enterprises and small startups including Emirates, IBM, Cisco, GPJ and more. Demonstrating a proven track record in driving complex engineering projects from concept to production, I am adept in leveraging technology to optimize product development cycles, reduce costs, and implement API services using Microsoft .NET tech stack (.NET Core, Azure, REST API), while adhering to clean code practices and Agile methodologies. As a Tech Lead / Senior .NET Full-Stack Developer / Consultant, I excel in leading cross-functional teams, influencing stakeholders, and providing leadership, good code, training, and feedback to ensure top performance and delivery standards. My quick learning ability, passion for the latest technologies, active participation in software development meetups, hackathon wins, and roles as a conference speaker, contribute to my effectiveness in delivering successful outcomes and high standards in software development.

KEY SKILLS

- Full-Stack Development
- .NET & Azure Expertise
- Business-Tech Integration
- AI Implementations
- Processes Automation
- Project Management
- Team Management
- Strategy & Planning
- Mentoring & Guidance
- Analysis
- Consulting
- Agile SDLCs

TECHNICAL SKILLS

C# | .NET Core | .NET Frameworks | ASP.NET MVC | Azure | REST API | Messaging Services | SQL | NoSQL
Microservices | Event Driven Architecture | TDD | BDD | DDD | AI | F# | Python
FE Development: JavaScript | TypeScript | React | MobX
CI/CD: Azure DevOps | Kubernetes | Docker | Terraform | GitHub | Jenkins | TeamCity | Octopus
Testing Frameworks: NUnit | Moq | RhinoMocks | NSubstitute
Other: Jira | No-Code | Automation | Scrum | Kanban

PROFESSIONAL EXPERIENCE

PRINCIPAL ENGINEER
DNATA / EMIRATES GROUP - LONDON   **NOV 2021 – APR 2023**
- Led a team of 25 engineers including Developers, Architects, DevOps and Testers in the successful development and scaling of a robust and API centric flight aggregator platform, handling over 3 million requests/day with industry-leading uptime and performance.
- Regularly liaised with cross-functional teams including product management, product ownership and customer service, to align technology enhancements with business goals and user feedback.
- Architected the adoption of tech-business integration, agile methodologies, ensuring rapid iteration, continuous delivery, and a culture of excellence in software development practices.
- Orchestrated a seamless DevOps pipeline, incorporating automated testing, CI/CD, feature flags and monitoring tools to streamline deployment processes and minimise downtime.
- Cultivated a collaborative and inclusive team environment, encouraging innovation, knowledge sharing, and professional growth among team members.
- Proactively addressed security concerns by implementing best-in-class cybersecurity measures and compliance standards to safeguard user data and company assets.

Technologies
C#, F#, Event Driven Architecture, REST API, Azure (Analytics, Event Grid, Cosmos DB, DevOps, Blob storage), Microservices, CI/CD, Kubernetes, Docker, TDD, TypeScript, React, MobX, GIT, Visual Studio, Visual Studio Code

SENIOR FULL STACK .NET DEVELOPER / TECH LEAD   **SEPT 2019 – APR 2021**
DELTATRE - LONDON

- Played a pivotal role as Senior .NET Full Stack Developer/Tech Lead, writing code in alignment with best coding practices.
- Lead a technical team of 3 developers across 4 web CMS applications in sports industry.
- Strengthened client relationships through effective requirement gathering and developing futureproofed solutions to deliver requirements to specification.

Technologies

C#, .NET Core, .NET Framework, ASP.NET MVC 5, Azure Functions, Azure Storage, Azure ServiceBus, Azure Event Bus, Microservices, REST API, Azure DevOps, Kubernetes, Docker, TDD, NUnit, Rhino Mocks, Castle Windsor (IoC), MS SQL, Azure SQL, Azure Cosmos DB, MongoDB, Entity Framework, LINQ, Apache Solr, HTML, JavaScript, TypeScript, React, Mobx, VueJs 2, Gulp, GIT, NCrunch, StyleCop, ReSharper, Visual Studio, Visual Studio Code

TECH LEAD   **APR 2018 – SEPT 2019**
GEORGE P. JOHNSON - LONDON

- Engaged by the world's leading strategic experiential brand and marketing agency to become a company's tech lead.
- Delivered 15 tech projects for multiple events and conferences in many different technologies including .NET, JavaScript, Python, Unity, VR, AR, AI, Raspberry Pi, No-Code.
- Oversaw end-to-end SDLC from idea to authoring project roadmap, leading development, implementation, UAT, support and close-out using Agile methodologies.
- Collaborated with team, senior management and client to understand requirements and develop clean code using different technology stacks ensuring that each product was unique and matched client requirements.
- Won multiple awards including Best Agency Team, Best Digital Team and many more for marketing events.
- Recognized by British Interactive Media Association and chosen for BIMA 100 award in Tech Trailblazers category.

Technologies

.NET Core, Azure, React, Node.js, SQL, JavaScript, Jquery, HTML, CSS, AWS, IBM Cloud, IBM Watson Services (Visual Recognition, Personal Insights, Watson Assistant, Speech to Text, Text to Speech, Tone Analyzer), Python, Raspberry Pi, A-Frame, WebGL, Unity

VR / WEB VR FREELANCER   **JUN 2017 – APR 2018**
VARIOUS CLIENTS – LONDON

- Hired as a consultant for various VR/AR projects, including the development of VR and WebVR tools, leading the transformation of clients' VR infrastructures by replacing legacy systems with modern, future-proof VR technology to create custom immersive experiences.
- Contributed to the development of marketing VR experiences for IBM and a WebVR video player, serving as a Subject Matter Expert offering advisory on emerging market technologies and designing robust project architectures while developing clean, reusable code.

Technologies

AFrame, Three.JS, WebGL, WebVR, HTML, JavaScript, Blender, GIT, IBM Cloud

.NET DEVELOPER   **JUN 2015 – MAY 2017**
LIVE NATION ENTERTAINMENT / TICKETMASTER – LONDON

- Joined as a back-end developer for Live Nation/Ticketmaster, enhancing features and functionality across 28 international markets, managing data flow between CRM, APIs, and website, and significantly contributing to the expansion and implementation of both external and internal APIs on a .Net Core framework.
- Served as the Security specialist, fortifying system security against hacker attacks, and employed Agile and Scrum methodologies, TDD benchmarks, and best practices in pair programming and code reviews, adhering to SOLID principles.
- Led team that won international hackathon organised by Ticketmaster with WebVR Seat Preview MVP

Technologies

C#, .NET, .NET Core, ASP.NET MVC, Web Api 2, WCF, MS SQL, nHibernate, Entity Framework, LINQ, HTML, JavaScript, Dependency Injection – Structure Map, MSMQ, Dapper, NUnit, Moq, Umbraco, GIT, DevOps, Octopus Deploy, Jenkins, Style Cop, ReSharper

FULL STACK .NET DEVELOPER   **JUN 2014 – JUN 2015**
FIND MY PAST – LONDON

- Joined a UK-based online genealogy service's Products and Services team, managing the implementation of user stories and creating both back-end logic and front-end visual layers, including a new API for processing and modifying records in existing products.
- Excelled in Agile and Scrum environments as a Scrum Master, emphasizing TDD with MSpec and Rhino Mocks, enhancing the SDLC through pair programming, code reviews, and adherence to SOLID principles.

Technologies
C#, .NET 4.5, ASP.NET MVC 5, TDD, NUnit, Rhino Mocks, Entity Framework, Castle Windsor (IoC), MS SQL, Entity Framework, LINQ, HTML, JavaScript, jQuery, Gulp, GIT, TFS, NCrunch, Style Cop, ReSharper

EARLIER CAREER

.NET Developer – Atos IT Solution & Services, Wroclaw	**Aug 2013 – Apr 2014**
Junior .NET Developer – E-kancelaria, Wroclaw	**Sept 2012 – Aug 2013**
Java2EE Developer (Internship) – Volvo IT, Wroclaw	**Jun 2012 – Sept 2012**

EDUCATION

Bachelor of Computer Science (2:1) – Wroclaw University Of Science and Technology, Poland	**2007 – 2012**

Final Project: GPGPU based algorithms in the support systems for commodity traders

CONFERENCES/AWARDS/CERTIFICATES

AI Devs 2 - Connect GPT-4 with application and automation logic	**Dec 2023**
BIMA 100 - Tech Trailblazers Award	**May 2019**
Best Agency Team - Campaign's Marketing New Thinking Awards	**Oct 2018**
Silver for Best Digital Team - UK Digital Experience Awards	**Aug 2018**
Speaker - AR VR MR Conference, Moscow	**Jul 2017**
Participant - Oarsis Start-up Weekend, Madrid	**Jun 2017**
Speaker - VR World Event, London	**Jun 2017**
People's Award for WebVR Project - Ticketmaster International Hackathon	**Nov 2016**

PERSONAL INFORMATION

Nationality:	Polish
Citizenship:	Polish, British
Languages:	English (fluent), Polish (native), Russian (basic)
Interests:	Artificial Intelligence, New Technologies, Self-improvement, Cryptocurrencies, Start-ups, Snowboarding, Kitesurfing, Sailing, Travelling