

Contact

www.linkedin.com/in/stefan-gavrilas-3865637b (LinkedIn)

Top Skills

Continuous Integration and Continuous Delivery (CI/CD)

GraphQL

Microsoft Azure

Languages

English (Native or Bilingual)

Romanian (Native or Bilingual)

Stefan Gavrilas

Technical Lead at Forensic Analytics
London Area, United Kingdom

Summary

I'm a passionate .NET developer with extensive knowledge of Microsoft technologies and proven team leading skills over the past 13 years. My expertise consists of analysing, designing, implementing and testing custom solutions for services (APIs) and for desktop/tablets/phones under the Microsoft stack. Demonstrating well-founded analytical thinking, decision making skills and keen on performing at the highest standard, I enjoy tackling technical challenges.

Experience

Forensic Analytics Ltd

Technical Lead

October 2024 - Present (9 months)

Letchworth, England, United Kingdom

- Developing and enhancing feature-rich, high-performance desktop applications using .NET 8 and WinForms/WPF, ensuring seamless user experiences and robust functionality.
- Leading and collaborating with a team of developers to deliver maintainable, scalable, and efficient software solutions that align with business objectives.
- Driving the full software development lifecycle, from concept to deployment, leveraging EF Core for efficient data management in SQLite/MSSQL and DevOps practices with YAML pipelines for streamlined CI/CD processes.
- Architecting and optimizing desktop applications, ensuring responsiveness, stability, and maintainability across various environments.
- Improving development workflows and team efficiency by implementing best practices, code quality standards, and automation strategies.
- Mentoring and supporting developers, fostering knowledge sharing, and promoting continuous learning to enhance team capabilities.
- Engaging with key stakeholders to refine requirements, manage expectations, and deliver solutions that meet both technical and business needs.

Engage Works

Head of Infrastructure

September 2023 - Present (1 year 10 months)

London Area, United Kingdom

- Managing and administering M365, Azure DevOps Pipelines and the Azure Portal.
- Developing and maintaining infrastructure as code using YAML, ARM Templates, and Bicep for diverse projects, including .NET applications, UWP, Node.js, and Unity.
- Automating deployment processes and ensuring continuous integration and delivery using Docker.
- Monitoring and optimizing system performance and reliability.
- Monitoring and ensuring cost-effectiveness of Azure resources.
- Collaborating with development and operations teams to streamline workflows and enhance productivity.

SoftwareOne

Principal Software Engineer

March 2024 - September 2024 (7 months)

London, England, United Kingdom

- Developing features, bug fixing and optimisations for a marketplace solution for software reselling processes.
- Orchestrating the efforts of a cross-functional team of 6 developers of various levels to deliver high-performance, scalable software solutions that align with strategic business goals.
- Driving the full software development lifecycle, from concept to deployment, for projects leveraging cutting-edge technologies, including .NET 6, .NET 8, GraphQL (with HotChocolate), EF Core, and a suite of Azure services such as Azure Service Bus, Event Grid, Event Hub, Key Vault, MSSQL, CosmosDB, Kubernetes, and DevOps with YAML pipelines.
- Architecting and deploying resilient, cloud-native APIs and microservices, ensuring optimal performance, high availability, and fault tolerance across distributed systems.
- Elevating team performance through the establishment of best practices, rigorous code standards, and continuous integration/delivery processes.
- Driving workflow enhancements and process optimizations that significantly improve team efficiency and output quality.

- Guiding and mentoring developers, fostering an environment of continuous improvement and professional growth, while promoting innovative solutions and technical excellence.
- Partnering closely with key stakeholders to refine project requirements, set clear objectives, and manage timelines effectively.

CI&T

Master Software Engineer

January 2023 - March 2024 (1 year 3 months)

London, England, United Kingdom

- Spearheading a team of 5 highly skilled developers to deliver robust and scalable solutions in line with business objectives.
- Leading the end-to-end development lifecycle for projects involving technologies like .NET 6, GraphQL (with HotChocolate), EF Core, Azure Service Bus, Azure Event Grid, Azure Event Hub, Azure Key Vault, MSSQL, CosmosDB and Azure DevOps with YAML pipelines.
- Architecting and implementing resilient APIs and microservices, ensuring high availability and fault tolerance.
- Collaborating with stakeholders to define project requirements, scope, and timelines.
- Led the team by setting high performance standards and establishing best practices to drive excellence.
- Implemented strategic changes to optimize workflows and improve overall team efficiency.
- Mentored and trained developers, fostering a culture of continuous learning and helping them achieve their full potential.

Torstone Technology

Senior .NET Backend Engineer

October 2022 - January 2023 (4 months)

London, England, United Kingdom

- Developing features, bug fixing and optimisations for a custom solution dealing with post-trading processes.
- Primarily using WinForms, .NET 6, SignalR, Azure (Storage, ServiceBus, Services), Docker, RabbitMQ, MSSQL databases.

Engage Works

Lead Developer / Tech Lead

May 2018 - October 2022 (4 years 6 months)

London, United Kingdom

- Leading and mentoring a dynamic team of 3-5 developers and contractors, setting high standards for code quality and productivity while ensuring a consistent and efficient production pace.
- Proactively managing and adjusting tasks, staying hands-on to meet critical product milestones, and ensuring alignment with project goals.
- Serving as the key technical liaison to stakeholders, providing regular updates on the technical progress and health of products.
- Leveraging the latest technologies to architect and develop powerful, scalable applications with a strong focus on user experience.
- Leading the adoption and integration of technologies such as UWP, Win2D, .NET Core 3.1, .NET 5, .NET 6, SignalR, Azure (Storage, ServiceBus, Services), Agones, Kubernetes, Docker, RabbitMQ, MSSQL, and NoSQL databases like Redis.
- Maintaining and developing low-level applications written in C++.

CoCreate

Lead Developer / Tech Lead

May 2018 - October 2022 (4 years 6 months)

London, England, United Kingdom

- Working with the latest technologies to design architectures and create a powerful, scalable and UX centred application.
- Primarily using UWP, Win2D, .NET Core 3, .NET 5, .NET 6, SignalR, Azure (Storage, ServiceBus, Services), Agones, Kubernetes, Docker, RabbitMQ, MSSQL databases (plus EF Core) and NoSQL databases such as Redis.
- Developing and maintaining low-level applications written in C++.

Douglas & Gordon

Senior .NET Developer

May 2017 - May 2018 (1 year 1 month)

London, United Kingdom

- Leading development on internal applications for the Windows platform using primarily WPF (desktop/Win32 applications) and UWP (Windows Store apps).
- Working with Azure (Storage, ServiceBus and KeyVault) and MSSQL databases.
- Developing and maintaining low-level applications written in C++.

Junifer Systems Ltd

Senior Software Engineer

November 2016 - May 2017 (7 months)

London, United Kingdom

- Developing features, bug fixing and optimisations for a custom solution targeting energy and gas suppliers within the UK.
- Working with technologies such as Java, Spring, Hibernate, WinForms in C# with DevExpress and MSSQL.

iColdo

Senior .NET Developer / Team Lead

April 2013 - November 2016 (3 years 8 months)

Iasi County, Romania

- Developing applications for the Windows platform using primarily WPF (desktop/Win32 applications) and WinRT/UWP (Windows Store apps), WinForms and writing APIs/services under WCF and ASP.NET 5 WebAPI with MSSQL databases.
- Developing and maintaining low-level applications written in C++.
- Managing tasks and deadlines, building application architectures for me and my team.

Gambit IT

Software Developer

November 2011 - April 2013 (1 year 6 months)

Iasi County, Romania

- Developing web and desktop applications using WPF, WinForms and ASP.NET, APIs/services using WCF and creating database ERDs and implementing them in MySQL and MSSQL.
- Managing deadlines, creating application architectures for me and my team.

Education

Faculty of Computer Science, Iasi

Bachelor of Science (BS), Computer Science · (2010 - 2013)

EBG Helicopters

PPL(H), Airline/Commercial/Professional Pilot and Flight Crew · (2019 - 2020)

EFG Flying School

PPL(A), Airline/Commercial/Professional Pilot and Flight Crew · (2017 - 2019)