

Michael Viegas

TECHNICAL LEAD · SENIOR SOFTWARE DEVELOPER

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Skills

Programming	C#, ECMAScript, TypeScript, SQL, NoSQL, XML, HTML5, CSS3, SASS, JSON
Platforms	.NET 10 and earlier, .NET Framework 4.8 and earlier, Node.js
Frameworks	ASP.NET, ASP.NET Core, HTMX, React, Vue, Angular
Cloud & Servers	Azure, AWS, IIS, nginx
AI Tools	Claude Code, Herdr, OpenCode, GitHub CoPilot
Architecture	Clean Architecture, N-tier, SOLID, CQRS, Event Sourcing, DDD, IoC, SOA, Outbox
CI/CD & DevOps	Azure DevOps, TeamCity, Bamboo, Git, TFS, MSBuild, YAML
Messaging	REST, GraphQL, SOAP, RabbitMQ, MSMQ
Databases	SQL Server, Oracle PL/SQL, Postgresql, MySQL, MongoDB, Elasticsearch, Redis
Data Access	EF Core, NHibernate, Dapper, LINQ to SQL, Prisma
UI/UX	Tailwind CSS, Bootstrap, Kendo UI, ImageMagick, IronPDF, Mailchimp API, reCAPTCHA
Backend	Umbraco, WordPress, MediatR, Serilog, Log4Net, Quartz.NET, Hangfire, AutoMapper, FluentValidation
Applications	Visual Studio + ReSharper, VS Code, Figma, JIRA, Confluence, Visio

Experience

Myriad Developments Ltd

Leicester, UK (Remote)

TECHNICAL LEAD

Oct. 2024 - Present

- Built the company's software engineering function from the ground up, setting technical direction and owning requirements, architecture, delivery and production support while staying fully hands-on.
- Refactored the R&D tax claims platform serving 3,400 users across 1,000 client companies and 1,300 live claims, replacing a .NET Framework 4.6.1 / EF6 application with a .NET 9 / EF Core 9 / HTMX system built on CQRS and clean architecture. Benchmark results showed 6.6x faster to first byte, 19x fewer database reads, 8x faster save round-trips, and cold start reduced from 17s to 7s.
- Reduced the cloud infrastructure bill by 84%, migrating to Linux App Service plans on three-year reserved commitments and consolidating the marketing and Umbraco sites onto a single Docker-based VPS.
- Used LLMs daily from the start, for research and architecture as much as code. Coding stayed hand-written until the tooling improved, then moved onto parallel Claude Code agents in git worktrees under Herdr, reviewing every diff before merge.
- Designed Azure DevOps CI/CD pipelines and private NuGet feeds covering build, test and deployment, and put cloud governance policies, security controls and monitoring dashboards in place across the Azure estate.
- Delivered and upgraded multiple Umbraco CMS sites, handling the domain and infrastructure migrations that came with them.

SmartVault

Houston, USA (Remote)

SENIOR FULL STACK DEVELOPER

Apr. 2023 - Sep. 2024

- Drove performance and security improvements across a cloud-based document management platform trusted by thousands of businesses.
- Tackled legacy dependencies head-on and significantly expanded unit test coverage with NUnit and Moq, cutting production bugs.
- Cleaned up core business logic and deployment scripts, making the codebase far easier to work with for the whole team.
- Tracked down and fixed network-layer bottlenecks, noticeably speeding up page loads alongside React frontend modernization.
- Took ownership of code reviews and introduced structured logging that helped catch issues much earlier.

Theprintsplace

London, UK (Remote)

SENIOR SOFTWARE DEVELOPER

Jan. 2019 - Mar. 2023

- Built creativehub.io with Nuxt and Vuex, growing it to 27K active users and 400 daily orders – a product I'm genuinely proud of.
- Transformed legacy .NET systems into a clean multi-tier .NET 5 architecture that's now far easier to extend and maintain.
- Created Shopify and Squarespace integrations using GraphQL/REST APIs, with Azure Message Queues handling async order processing at scale.
- Developed creatives.new from scratch – an exciting project using Image Recognition AI to match clients with artists based on style.
- Built version.new, a secure large-file transfer tool with direct cloud storage integration that users love.
- Brought Web3 into the product with Ethereum NFT minting tied to physical print fulfillment.
- Set up Stripe payment flows and fully automated order fulfillment using Azure Functions.

Ruffer LLP

London, UK

FULL STACK DEVELOPER

Nov. 2016 - Dec. 2018

- Built an event-driven microservices platform with .NET Core and RabbitMQ that automated key business processes.
- Rewrote user portals in React/Redux with drag-and-drop tools, empowering non-technical staff to build their own workflows and dashboards.
- Developed a multi-threaded trading system handling real-time pricing and execution across equities, bonds, derivatives, and currencies.
- Created broker and liquidity provider integrations, connecting external feeds with internal investment systems seamlessly.
- Optimized SQL Server, MongoDB, and Redis queries with Dapper and ElasticSearch, making data retrieval noticeably faster.
- Extended financial tools including a popular Excel add-in for live data and a WinForms payment module.

Macmillan Education

London, UK

FULL STACK DEVELOPER

Jun. 2014 - Oct. 2016

- Worked on multiple exciting projects for a global education publisher reaching 40+ countries.
- Helped design and build a SOA/microservices architecture serving 400k+ users and 1k+ products, successfully replacing a legacy monolith.
- Built independently deployable services for content governance, delivery, class management, and OAuth authentication.
- Established continuous delivery with nightly integration tests – a game-changer for catching regressions early.
- Developed a React-based API portal for customer self-service that third-party developers found intuitive to use.
- Contributed to a cross-platform digital content player with a single JavaScript codebase running on desktop and mobile.
- Got hands-on with enterprise UI frameworks, admin tools, and some challenging legacy system migrations.

Ligentia

Leeds, UK (Remote)

FULL STACK DEVELOPER

Jul. 2013 - May. 2014

- Took on the challenge of being sole developer on multiple projects for a fast-growing international logistics group.
- Rewrote a problematic Windows Service processing XML feeds from third-party systems, finally fixing data integrity bugs that had frustrated customers.
- Built an n-tier architecture that handled 60k data feeds per day on a single server – a real stress test.
- Led development of an internal web platform from scratch, delivering 5 complete modules: Security, Finance, Warehouse, Operations, and Transport.
- Designed a RESTful API that connected internal systems with core logistics platforms smoothly.
- Supported data consolidation planning and successfully handed over code to offshore teams.

Telegraph Media Group

London, UK

ANALYST PROGRAMMER

Oct. 2011 - Jun. 2013

- Proud member of the team that built an editorial platform serving 32k+ users across Telegraph Media Group.
- Helped deliver a unified workflow for planning, payments, rights management, and publishing – finally letting journalists self-publish across platforms.
- Worked on a CQRS/DDD architecture with a JavaScript frontend backed by ASP.NET MVC and WCF services.
- Built and extended reusable JavaScript UI components that became standard across the platform.
- Developed scheduler services handling payments, notifications, and background jobs reliably.
- Helped drive the migration from CRUD-based systems to event-driven CQRS, writing documentation and mentoring developers along the way.
- Grew into hiring, mentoring, and architecture decision-making responsibilities.

Selfnet

West Byfleet, UK

WEB DEVELOPER

Jan. 2011 - Oct. 2011

- Worked on an insurance platform powering major UK brands (RSA Portfolio, MoreThan Premier).
- Owned backend services and integrations, coordinating effectively with an offshore team on the frontend.
- Built internal web apps for accounting and IT error tracking that integrated cleanly with the company's SOA layer.
- Revamped customer-facing websites with dynamic business rules and a fresh, modern UI.
- Wrote clear deployment and configuration documentation; collaborated closely with architects, analysts, and ops.

Agap2

Lisbon, Portugal

WEB DEVELOPER

Oct. 2009 - Dec. 2010

- Co-developed an internal recruitment portal used daily by 850 employees across the company.
- Brought management, commercial, HR, and operations workflows together into a single, unified web platform.
- Built integrations with national ERP systems that streamlined data flow.
- Maintained and actively extended an e-marketing campaign management system.

Algadata, S.A.

Loule, Portugal

SAP BUSINESS ONE CONSULTANT

Jun. 2008 - Sep. 2009

- Ran SAP B1 implementations end-to-end: installation, configuration, hands-on training, and ongoing support.
- Built custom SAP B1 modules from scratch, handling everything from database design to security, UI, and business logic.
- Deployed SAP B1 for multi-company groups, bringing their scattered operations into one unified system.
- Supported hosted deployments and built lasting client relationships through long-term maintenance.

Certifications

70-536

TS: Microsoft .NET Framework - Application Development Foundation

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Education

University of Algarve

Faro, Portugal

BSc (HONS.) COMPUTER SCIENCE — 1ST CLASS

May 2008

Additional Information

Languages English, Portuguese, Spanish

Interests Padel Tennis, Football, Gym, Traveling, Biking