Adrian Vella

Lead Software Engineer - Malta

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PROFILE

I'm a lead software engineer with interests spanning VoIP, infrastructure, self-hosting, automation and AI. I enjoy understanding how systems fit together, building reliable solutions and experimenting with new technologies through both my professional work and my homelab.

EXPERIENCE

Enteractive Ltd.

Malta

Lead Software Engineer — 2026-10 - Present

Leading the design and delivery of software systems and integrations in the VoIP and iGaming space. Providing technical direction across projects, shaping architecture and implementation decisions, reviewing designs and code, and supporting engineers through mentoring and knowledge sharing. Working closely with product and business stakeholders to scope initiatives, identify technical risks, improve engineering practices, and ensure reliable delivery of scalable, maintainable systems.

Technologies: .NET / ASP.NET Core, React, TypeScript, RabbitMQ, Redis, Elasticsearch, SQL Server / T-SQL, Azure, Python, VoIP / SIP

Senior Software Developer — 2022-05 - 2026-10

Designed and developed software, tools and integrations in the VoIP and iGaming space. Scoped and implemented new features and third-party integrations, maintained and improved existing systems, introduced monitoring and alerting, and supported reliable deployment of new features and production fixes.

Technologies: .NET / ASP.NET Core, React, TypeScript, RabbitMQ, Redis, Elasticsearch, SQL Server / T-SQL, Azure, Python, VoIP / SIP

Busy Rooms Ltd.

Malta

Backend Software Developer — 2018-09 - 2022-05

Built software for the hospitality industry. My role was to develop highly scalable backend services, REST APIs and integrations with channel managers, property management systems and payment gateways. During my time at Busy Rooms, I was also responsible for the uptime of the core systems, monitoring and alerting, and the deployment of new features and bug fixes.

Technologies: .NET / ASP.NET Core, Redis, Elasticsearch, T-SQL, Azure, REST APIs

Accreda Ltd.

Malta

Junior Software Developer — 2017-01 - 2018-09

Built a white-label in-house CMS that integrated with other content management systems such as WordPress and Kentico CMS. My role was to develop new features, fix bugs, and maintain and monitor the performance of the system and the sites built on it.

Technologies: .NET / ASP.NET Core, jQuery, ASP.NET MVC, Entity Framework Core, T-SQL, Node.js, Express.js, TypeScript, Selenium

Freelance

Malta

Software Developer — 2016-04 - 2018-04

Worked on numerous projects for local businesses, including websites, a custom stock management solution with monitoring and reporting, and a distributed custom POS system that integrated with label printers and weighing scales.

Technologies: Java, .NET Framework, Python, MySQL, ASP.NET MVC, Entity Framework, jQuery

MCAST

Malta

Intern Software Developer

2016-07 - 2016-09

Built small software projects that aided the Registrar's office with day-to-day tasks.
Technologies: .NET Framework, ASP.NET MVC, Entity Framework, jQuery

EDUCATION

BSc (Hons) in Software Development

2014 - 2017

MCAST - MQF Level 6

FOCUS AREAS

Software engineering | Self-hosting | Automation | Infrastructure | AI

LANGUAGES

English | Maltese