

Mason Galland

Full Stack .NET Developer & Hobbyist AI Solutions Architect

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ABOUT ME

My passion for programming has taken me from a small-town Rotorua school boy making games at home in GML, to a professional developer in a world where with AI, the skies the limit. I love what I do, especially designing a project in my head and watching the pieces fall in place as it comes together. I enjoy social drinks with colleagues, keeping up-to-date on the latest AI developments, and gaming. I was a good developer before the rise of AI, but now I ask myself: "how can I best automate myself out of a job" 😄

WORK EXPERIENCE

Octane Systems (aka. Pacifictech, Full Stack .NET Developer) – Nov 2023 to Now

- Developed and maintained web screens built on ASP.NET MVC and the Sage300 SDK.
- Created a library of core methods and classes on both the backend and frontend to improve and streamline the product and its development.
- Was an outspoken voice for innovation and optimisation, leading to many of my ideas being implemented and the products overall improvement.
- Worked in a small developer team with a SCRUM workflow via Azure DevOps.

During COVID – May 2020 to Nov 2023

- Streamed on Twitch as a successful VTuber. Had my own team. Large array of content creation and team management skills not listed here.
- Travelled NZ with friends (before community transmission) for life experience.

Sandfield (Mainfreight Team, Solution Developer) – Jun 2019 to May 2020 - Ponsonby, Auckland

- Maintained, debugged, bug fixed, and extended existing ASP.NET Web Forms projects, large and complex TSQL stored procedures, and web services.
- Worked within a development team using an agile workflow via Jira.
- Time sheeted and estimated my work.
- Communicated with and presented my work to clients, as well as presented and trained the companies developers on new technologies.
- Worked with the full stack from adding store procedures in the SQL DB to server-side services and controllers in C# to the client-side views using HTML, CSS, jQuery, JavaScript, and other internal JS libraries.

GoSweetSpot (Full Stack .NET Developer) – Aug 2017 to Mar 2019 – Penrose, Auckland

- Maintained, debugged, bug fixed, and extended existing ASP.NET MVC projects and .NET Framework/Standard libraries.
- Designed and developed new websites, microservices, and libraries from scratch and solo.
- Integrated with REST APIs as well as building REST based APIs.
- Worked within a small development team using an agile workflow first via Jira, then later via Azure DevOps.
- Worked with the full stack from adding tables and store procedures in the SQL DB to server-side services and controllers in C# to the client-side views using HTML, CSS, jQuery, JavaScript, and other JS libraries.

GoSweetSpot (IT/Customer Service) – Jul 2015 to Feb 2017 – Penrose, Auckland

- Answered calls and support tickets, trained clients, setup/fixed printers, data entry, warehouse packing/sending, followed up client issues, created support documentation, etc...
- Please note Apr 2016 to Feb 2017 was on and off part time while I was at University.

SupraIT (Hardware Technician) – Apr 2015 to Jun 2015 – Rotorua

- Worked with and installed small business grade networking and wireless access point solutions.
- Processed, sorted, fixed, repaired, and imaged countless computers.

Portage Hotel & Resort (Contractor) – Nov 2014 – Portage, Marlborough Sounds

- Overhauled all client computers, the network infrastructure, and security camera setup. Fixed all the printer issues, recovered high value data from server while locked out, created a new website, etc...

EDUCATION

Media Design School (Bachelor of Software Engineering - Incomplete) – 2016 to 2017 – Auckland CBD

- Was a top student and Student Ambassador.
- Was the team leader for multiple group projects.
- Left due to the unprofessional environment and lectures.

Western Heights High School – 2010 to 2014 – Rotorua

- Founded and taught at the Specialist Hardware and Programming Club (SHPC), a club for students where they learnt about programming, networking, and computer hardware.
- Level 1, 2, and 3 NCEA.

TECHNICAL SKILLS

- Skilled in: C#, JavaScript, jQuery, TSQL, HTML, CSS, XML, JSON, Bootstrap, REST APIs, Regex, Entity Framework, .NET Framework, .NET Core, ASP.NET MVC, and much more.
- Tools: Visual Studio, Microsoft SQL Server Management Studio, Visual Studio Code, GitKraken, Fiddler, ReSharper, Rider, and so on.
- Excited for: Anything AI and LLM related, designing/building/using AI related workflows for both internal use and projects, using new and innovative frameworks and libraries, building generic and centralized 'helper' methods and classes, making a positive and notable impact.

SIDE PROJECTS

[Discontinued] UtilitySharp (github.com/Mason32NZ/UtilitySharp): Useful C# helper classes for general "every day" issues. Over 11k+ downloads on NuGet.

VOLUNTEER WORK

Youth in Emergency Services: A month long service in NZ Fire Service, St John, River Rescue, Land Search and Rescue, and Civil Defence and Emergency Response. This was from March 2015 to April 2015.

REFERENCES

Available on request.