

Stephen Garside

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Summary

- Personable, reliable, innovative, tenacious and patient
- 20+ years of full-stack software design and development skills at enterprise level
- Frontend / UI development skills include JS, Typescript, VueJS, SASS / CSS, Webpack, NPM and Node
- Backend development skills in C#, Web APIs, ORMs (EF / Dapper), SQL, NOSQL, CMS (Umbraco + Kentico)
- 7+ Years of Azure experience including Devops, CI / CD, Serverless, App Services, GIT, Frontdoor etc
- Experienced in user authentication and authorisation – oAuth, Membership, Azure B2C
- Project management skills include AGILE, MoSCoW, Waterfall, Features, Epic and User Story creation
- Experience of current ML / Generative AI techniques including Neural Networks, LLMs and RAG
- Full, clean UK driving licence, non-smoker

Experience

Technical Solutions Architect - Marshalls PLC - Hybrid

Feb 2021 – Present (2 yrs 9 mos)

Hybrid role involving the design / technical specification of system architecture, together with hands on coding across a range of predominantly B2B and B2C digital Sales and Marketing projects. Leading on innovation including developing Proof of Concepts to determine commercial viability. Key stakeholder management at all levels of the organisation and 3rd party software agencies. Technical coaching and mentoring team members in all aspects of software design and development plus code reviews.

Technologies:

Umbraco, .net Core (C#), Web APIs, ORMs, Webpack, HTML / SCSS, ThreeJS, WebXR (AR / VR), Natural Language Processing (AWS / Google), SPA development (VueJS, MSAL), NPM, PIM (Pimberly), DAM / CDN (Cloudinary), WebGL, Unit / Integration Tests, GIT, Dependency Injection, SOLID and DRY principles

Current project:

Specification, project management and co-development of an online landscape design and visualisation tool that incorporates 3D, VR and AR web technologies. Tech stack includes VueJS (Typescript), SCSS, Webpack, WebAPIs (C#), Redis, Entity Framework, CDN and Serverless Funcs.

Recent projects:

- 3D Product Visualiser (concept, architecture, spec, pm, dev) <https://www.marshalls.co.uk/visualise/laying-patterns/gardens-and-driveways.html>
- Augmented Reality IOS / Android App - (architecture, spec, pm, dev of webapi's) <https://www.marshalls.co.uk/gardens-and-driveways/design-tools/marshalls-outdoor-reality-app>

Freelance Web Developer – Part Time, Multi Client - Remote

Jan 2017 – Present (7 yrs)

Development of websites and web applications.

Technologies:

Progressive Web Apps, Umbraco, .net Core (C#), Web APIs, ORMs, Webpack, HTML / SCSS, Natural Language Processing (AWS / Google), Generative AI – ChatGPT / RAG, Sentiment / Entity Analysis (Google Cloud), SPA development (VueJS, MSAL), NPM, Json, AGILE, Unit / Integration Tests, GIT

Current project:

Full stack development, working with a Start-Up to create a chat-first mind and body performance web app for the emergency services <https://www.aroai.co.uk> .

Recent projects:

- Full stack development - Cleaning company website <https://www.4serve.co.uk>
- Full stack development – Music Teacher website <https://www.pianoteacherhuddersfield.co.uk>

Senior Web Developer - Marshalls PLC

Jan 2007 – Feb 2021

Full stack development of Marshalls B2B and B2C e-commerce websites and internal business systems together with the production of functional design and technical specifications. Lead developer / coach on SEO for Marshalls websites. Coaching / mentoring juniors in all aspects of software development.

Technologies:

Kentico, .net MVC (C#), Web APIs, WCFs, ORMs, SQL, MYSQL, Webpack, HTML / SCSS, Natural Language Processing (AWS / Google), Opayo (Payment Gateway), Google Analytics, Search Console, Lighthouse, SignalR, jQuery, A/B Testing (Google Optimise), ERP (Dynamics AX), AGILE / Waterfall, Unit / Integration Tests, GIT + TFS

Projects included:

- Development of the Marshalls Google Home and Alexa Voice App plus the website chatbot.
- Full Stack development on <https://www.marshalls.co.uk/> , <https://www.bollardsdirect.co.uk/> , <https://www.stonemarket.co.uk/> and Internal Wallboard system for Sales and Marketing teams

Software Developer / Business Analyst - Marshalls Mono Ltd

Jan 2001 – Jan 2007

System design, specification, testing and roll outs.

Commercial Sales Team Leader - Marshalls Mono Ltd

Jan 1998 – Jan 2000

Responsible for day to day running of internal sales team of 25.

Education

- IDM Award in Direct and Digital Marketing
- City & Guilds in Visual Basic 6 Levels 1,2 & 3, Java Levels 1 & 2 and Networking
- NVQ Level 2 Trowel Occupations (brick laying and construction)
- BTEC National Business Studies Inc. Marketing, Finance, Organisational Environment etc
- 9 GCSE's Grade A-C including Mathematics, English, Psychology, Physics