

Matt Allsop

Full Stack Software Developer (.NET & Go)

📍 Derby, UK (On-site) ✉️ mattallsop1@proton.me 💻 github.com/matt-allsop 🔗 linkedin.com/in/matthew-allsop

PROFESSIONAL SUMMARY

Full Stack Software Developer with commercial experience building robust enterprise software systems using .NET Framework and Go. Proven track record in developing scalable backend services, writing comprehensive automated test suites, and creating responsive web interfaces. Passionate about clean system architecture, high-concurrency systems, and high-performance interactive application design.

COMMERCIAL EXPERIENCE

Software Developer · KAPPTURE

Aug 2022 — Present

Derby, UK · On-site

Developing robust software systems, writing automated tests, and building scalable full-stack features in an enterprise environment. Architecting backend services and APIs while implementing responsive, highly reliable UI features.

.NET Framework C# Go REST API TypeScript JavaScript jQuery Bootstrap SQL Test Automation

Git & GitHub

SELECTED PROJECTS

P5.js Web Snake

JavaScript / p5.js

Web-based Snake game created with JavaScript and p5.js featuring custom vector mechanics and precision collision handling algorithms.

JavaScript p5.js HTML5 Canvas Vector Physics

Real-Time Tic-Tac-Toe

Go / WebSockets

Modular p5.js web game powered by a concurrent Go WebSocket server engineered for low-latency state synchronization.

Go WebSockets p5.js Concurrency

Ebitengine 2D Breakout

Go / WebAssembly

Classic arcade Breakout game engine built entirely from scratch in Go utilizing the Ebitengine 2D framework and compiled to WebAssembly.

Go Ebitengine WebAssembly Game Dev

TECHNICAL SKILLS

LANGUAGES & RUNTIMES

C# Go TypeScript JavaScript SQL HTML5

FRAMEWORKS & TOOLS

.NET Framework REST API WebSockets Tailwind CSS

Bootstrap Astro jQuery Test Automation

Agile Development

EDUCATION

BSc (Hons) Computer Science

Sheffield Hallam University
Classification: 2:1
2019 — 2022

BTEC Level 3 Extended Diploma in Computing

Derby College
Grade: Triple Distinction (D*D*D)
2017 — 2019