

MATT SIJBERS

Software Engineer

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ABOUT ME

I am a software engineer, games developer and founder of SiFire Ltd. I have over 6 years of experience in the software industry, split primarily over two sectors: software solutions and games development.

I love building things and have always had an affinity with technology and so software was a natural career path. Out of university I secured a position at Cash Processing Solutions (CPS). Support offered me a great overview of all aspects of software development, but I shortly changed roles to a much more solutions focused position in implementation.

Once the pandemic hit, I decided to change focus to establishing an indie games company, which has always been a dream of mine. A journey that has proven incredibly fulfilling and immensely challenging.

KEY SKILLS

Not an exhaustive list

- Software Development
- Software Implementation
- Systems Integration
- Project Management
- UI & UX
- Infrastructure
- Networking

LANGUAGES & TOOLS

- C# / .NET
- Visual Studios & VS code
- GIT
- Windows
- Microsoft Office (Excel, Word, Teams, etc.)
- Unity
- Web Stack (HTML, CSS, JS, PHP etc.)
- SQL
- APIs (REST, SOAP)
- Linux

Certificates

- **QA M20741** - 20th October 2017
  Networking with Windows Server 2016
- **QA ITIL3F** - 20th April 2018
  ITIL® v3 Foundation Certificate in IT Service Management

EXPERIENCE

SiFire Ltd
2020 – Now (3 years)
Games Developer & Founder
Designed, developed, and published a fully featured indie game requiring a variety of skills and determination. Set up all the required infrastructure from the ground up, to providing development tools to our team and online services like data collection. Allowing for data driven design. Set up and managed a business, acquiring licences, managing finances and marketing.

Cash Processing Solution Ltd
2018 – 2020 (2 years)
Implementation Specialist
Implementing bespoke software solutions, creating, and maintaining solution designs (including architecture), leading client facing design workshops, supporting client test cycles, etc. In addition to this role I led several smaller software projects, from design to full deployment and continual service improvement.

Cash Processing Solution Ltd
2017 – 2018 (1 year)
Software Support Specialist (Level 3)
Provided 3rd line support for a suite of software solutions, provided both as products and services, to banks, CITs, and other financial institutes, from legacy desktop clients to web apps and services.

University of Surrey
2012 – 2016 (4 years)
BSc Computer Science Student
Subjects: Computer Networking, Software Engineering, Parallel Computing, Data structures and Algorithms, OO Programming, Web Applications Development, Computational Intelligence and Mainframe Computing.

Queen Mary's College
2010 – 2012 (2 years)
A Level: Electronics, Maths, Physics
AS Level: Chemistry
NCFE L2: Digital Imagery

Projects

Diceheart

Diceheart is a roguelite dungeon-crawler with turn-based tactical dice battles. It is a project that I hold close to my heart. A project that started out as just an idea. Now after nearly 3 years that dream was made into a fully featured and shippable product. Check It out on steam.

Websites

I created a site to record my professional career and to act as a showcase of sorts. Developed from scratch using just HTML, JavaScript, and CSS. It has a light and dark mode and is fully responsive too, I have also created sites in WordPress too, like the Diceheart website.

Infrastructure

An Indie games company requires infrastructure. All our sites, databases, GIT repos, APIs etc, are all self-hosted and deployed on Linux servers. Predominantly by using the LAMP stack and made reliable with the use of redundancy, offsite backups, and automation.

Client Projects at CPS

I worked on a variety of projects. The largest project (abroad, on-site). We replaced their process management software, integrated their existing systems, hosted design workshops and documentation. We also replaced their legacy reports, deployed the software, and provided training.

Internal Projects at CPS

In addition to my main role, I led a project to replace their service desk software that widened in scope to include their DevOps process management. In addition to this project, I also helped develop their auto deployment scripts and automation test suite.

Other small Projects

Web scraping: Used selenium and python to scrape data, for use in data driven design.

Neural network: A small project to create a generative adversarial neural network.

Smart assistant integration: Integrated smart assistant to control home devices.

HOBBIES

- PC/Server Building
- Games and Apps Development
- Rock Climbing
- Electronics
- Traveling
- DIY