

Dan Saul

Software Developer

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github.com/dsaul 🔄

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Experienced Software Developer with 12+ years in programming, system, and network administration. Proven reliability and expertise in developing and managing complex software solutions. Demonstrated leadership in guiding teams to achieve project goals. Strong communication and interpersonal skills, effectively collaborating with team members to meet objectives.

Work Experience

StartupScience.io

Full Stack Software Engineer—June 2022 to Present

Focused on developing a state-of-the-art Learning Management SaaS product. Key responsibilities included designing and implementing the front-end web interface utilizing Vue, Typescript, Laravel, MySQL, and Docker. Collaborated effectively with a team of developers and designers to align the software functionalities with client and user requirements.

Telexperts

DevOps Developer—Oct 2021 to June 2022

Developed and managed a scalable Telecom SIP trunking system handling over 230,000 monthly calls. Led the project to enhance client service, responding to a distributed denial of service attack on VoIP.ms. The system was designed for high capacity, handling hundreds of simultaneous calls, with robust security features to counteract attacks and toll-fraud. Ensured system scalability, integrated with existing upstream providers, enabled seamless number porting, and maintained geographic and organizational redundancy. Implemented defense mechanisms against malicious clients and ensured reliable 911 call completion. The architecture included multiple upstream providers and dedicated client-specific points of presence.

Telecommunications Consultant—Jan 2018 to Oct 2021

Skills

Programming

- C#, .NET (8y), TypeScript, JavaScript (12y), Python, C, C++ (4y), Java (1y)
- Objective-C (5y), Vue, Vuetify, Nuxt (5y)
- React, Node.js, Express (2y), PHP, Laravel, jQuery, WordPress (10y)

Backend Software

- Docker, Swarm (5y), Kubernetes (1y), PostgreSQL (5y)
- MySQL, Apache, Nginx (10y), MongoDB (1y)
- Git, SVN (10y)

Education

- **BSc, Applied Computer Science**—University of Winnipeg
- **43** Software Certifications