

Daniel James

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Summary

Highly-skilled software developer and technical leader. Passionate about developing software that improves people's lives.

Experience

Principal Software Engineer – GMV (formerly Syncromatics) – Oct. 2016 - Nov. 2022

- Led development of Intelligent Transit Services (ITS) suite of Computer-Aided Dispatch and Automated Vehicle Location (CAD/AVL) software.
- Designed and developed streaming data services to keep transit dispatchers and riders informed.
- Developed hardware integrations for flagship Android application used by vehicle operators.
- Prototyped, designed, and developed real-time Internet of Things (IoT) signs in use at transit centers and bus stops.
- Led architecture and implementation of next generation transit dispatcher tools

Director of Storefront – ScoreBig, Inc – Mar. 2014 - Sep. 2016

- Led consumer-focused team to build the best ticket-buying e-commerce experience for live events.
- Defined technical architecture for web and mobile experiences.
- Iterated closely with product team to bring their vision to life and worked closely with the analytics team to ensure improvements were demonstrable through A/B tests.

Cofounder – Sonorous, Inc. (startup) – Nov. 2014 - Sep 2016

- Explored potential business opportunity in music- and emotion-driven social media.
- Developed prototype with Spotify integration and gathered feedback from early-access users.

Sr. Developer – Casting Networks, Inc. – Jun. 2010 - Feb. 2014

- Developed payment processing system to streamline recurring subscription charges through PayPal PayFlow Pro and Authorize.net.
- Streamlined continuous integration and release management processes to improve quality and time-to-market.
- Developed ASP.NET-based language-translation tool to enable non-developer translators easily translate ASP.NET websites.

Vice President of Software Development – Raideil, Inc – June 2004 - Feb 2010

- Led development of multiple products, including a privacy-focused social media site, an extensible component-based content management system, and multiple web hosting administration services.
- Collaborated and implemented virtualized infrastructure, including virtualized private networks.
- Speaker at VMworld 2008 presenting Raideil's full-featured hosting infrastructure built on a limited budget.

Additional software development experience through 1999 available upon request

Skills

Languages

Bash, C#, Classic ASP, CSS, F#, Go, HTML, Java, JavaScript, JScript, JSON, PHP, Powershell, Python, SQL, VBScript, XML, XSLT, YAML

Industry knowledge

Agile Methodologies, Configuration Management Databases (CMDB), Continuous Integration, Data Warehousing, Databases, GPIO, Internet of Things (IoT), Microservices, Release Management, REST web services, Software Change Management (SCM), Software Development, Software Development Life Cycle (SDLC), Software Project Management, Virtualization, Web Development, Web Services

Tools & Technologies

.NET, .NET Core, .NET Framework, Android, AngularJS, Apache Kafka, ASP.NET, ASP.NET Core, ASP.NET MVC, AWS, Azure, Azure Pipelines, CVS, Docker Products, Elasticsearch, EMQTT/EMQ/EMQX, Git, GitHub Actions, Google Maps, gRPC, Helm, iOS, Kubernetes, Linux, Microsoft SQL Server, MQTT, Node.js, PostgreSQL, Protocol Buffers, QGIS, RabbitMQ, React Native, React.js, Redux.js, TeamCity, VMware, Windows, Xamarin