Stephen Steinkirch
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Technical Experience

Ajax	HTML5	MSSQL	SQLAlchemy
Apache	Intel/AMD Hardware	MySQL	Tabulator
Android	Java	Nginx	Vue3
AWS	JavaScript	Perl	API (SOAP, REST, WDSL)
C/C++	jQuery	PHP	WordPress
CSS3	Linux Desktop	Python	XML
Flask	Linux Server	Tomcat	
Git	Magento	SQL	

Senior full stack internet software engineer and development manager with broad experience coding, designing, and implementing a wide variety of projects. A specialist in developing complex client/server web applications using a broad range of current technologies on multiple platforms on both the front and backend. A capable and experienced software development manager.

Professional Experience

Senior Software Engineer - The Black Sheep, March 2017 to Present
- Development manager/project manager for full-scale business automation software.
- Designed and directed an application that facilitated and automated every aspect of a marketing company, from pre-contract request, to contracts to campaigns, to mobile field reporting.
- Implemented over a dozen APIs to send contracts, invoices, collect field reports, and automate contractor payouts.
- Built a web application from the ground up with Python, Flask, MySQL, and Javascript.
- Extensive use of AWS platform.
- Designed a rapid development framework/workflow.
- Managed development team, providing coaching, mentoring, full scope project planning, and workflow supervision.

Freelance/Contract Software Developer, October 2012 to March 2017
- **Productive Edge:** Updated, restyled, and redesigned several web application projects. Wrote several WordPress applications using several API integrations including Facebook and Amazon.
- **William Travis Group:** Enhanced application usability by updating their .NET web application with modern client site technology such as JavaScript, jQuery, Bootstrap, HTML5 and CSS3.
- **Green Grease Environmental:** Created a custom WordPress theme and application to update the company's internet presence. Designed a custom plugin, using PHP, MySQL, JavaScript, HTML5, CSS3, and WordPress for gathering and processing customer contact leads.

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- **Altoona Hospital:** Designed a rapid development framework for creating web to database interfaces using a fully object oriented implementation of the LAMP stack (Linux, Apache, MySQL, PHP, JavaScript, HTML5, CSS3). Created a modern, touch-screen friendly user interface using advanced CSS techniques.
- **RiverStar Software:** Using XML, Java, MySQL and Tomcat, created and modified web services for several web applications. Using a custom framework as well as Java, MySQL, and jQuery, built several web based customer survey applications.
- **DLS Software Studios:** Intrinsically involved in over 12 LAMP stack projects using Magento, WordPress, and custom frameworks. Created and modified applications on both front and back end using PHP, MySQL, Javascript, jQuery, Ajax, CSS, and HTML.

Hospira/CNH - Systems Analyst - July 2005 to March 2012

- Working as a contractor, designed and coded web-based reporting and document management systems for several clients using Microsoft .NET, Microsoft SQL Server, and IIS web server.
- Created a development framework that was reliable, scalable, and extremely productive.
- Created over 25 intensive applications that served over 2000 users.
- Worked closely with department managers gathering specifications and ascertaining needs.

Picis, Inc. - Manager of Application Development, November 2000 to April 2005

- Integral part of a team that designed and built a complex web-based healthcare application using Perl, Java, HTML, JavaScript, XML, ODBC and Microsoft SQL Server on a Windows 2000 – 2003 server platform.
- Oversaw, trained, and managed a team of five programmers, an implementation and upgrade team, and in-house support staff. Designed and implemented a patient signature capture application using Java, Perl, and MSSQL to reduce the need for paper document storage. Designed and implemented several fingerprint recognition applications using third party hardware to increase application security and ease of use.
- "Hacker-proofed" the entire application by making extensive code changes, applying SQL query filters, and implementing strict programming policies.
- Performed on-site installations and managed technical go-live operations and support.

Education & Certifications

B.A., DePaul University. Double Major: Philosophy and English Literature.
Scrum Alliance, Scrum Master Training - Agile/Scrum training
Foundstone Ultimate Web Hacking - Internet Security training
Fundamentals of Magento Development – Magento 1.x developer training