

John Heerman

Senior Developer Consultant



P: +1-855-268-9451x700

E: john@odessian.com

Executive Profile:

Experienced software professional with more than 17 years of consulting experience emphasizing web and mobile software design and development. Senior-level experience on a diverse list of project types, including: line-of-business apps, portals, serious games, mobile apps, web apps, e-commerce sites, and system integrations. Entrepreneur with strong sales and marketing skills to build and cultivate new partner and client relationships. Confident, organized, and motivated.

Professional Experience:

Since June, 2012

Odessian, LLC - Peoria, IL

Founder and Senior Developer Consultant

Developed and built software consulting business from start up. Formed strategic alliances with business leaders and partners to drive sales. Created marketing presentations and demo products for exhibitions, trade shows, and community user groups.

Worked with a team of developers and engineers to convert a monolithic web application into microservices using React.js, NancyFx, MongoDB, and RabbitMQ.

Helped enterprise customers build an effective mobile strategy utilizing mobility best practices and agile methodologies.

Senior architect and lead developer of native, cross-platform mobile applications with Xamarin and C#. Experience providing solutions architecture, design, integration, and consulting.

Developed web applications for submitting and reviewing loan applications for the largest agricultural lender in Illinois.

Designed and developed a web-based admissions and financial services application for a nursing college. Django/Python application with a responsive UI to manage students, courses, financial aid, and billing.

Django/Python developer consultant for a US-based Sweepstakes/Gaming organization.

October, 2005 -
June, 2012

Advanced System Designs - Morton, IL

Senior Developer Consultant

Designed Satchmobile, a Xamarin mobile application for Android and iOS. Satchmobile is a mobile companion to Satchmo, an open-source web storefront.

Leveraged django-cms, an open-source content management system (CMS), to build and

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maintain public web sites. Customized Satchmo, a django-based open-source online store, to manage catalogs and product offerings for e-commerce projects.

Created enterprise web applications using Castle Project's open-source .Net application framework (MonoRail MVC web framework, NHibernate, and Windsor IoC container), cross-platform javascript libraries, and MS SQL. Designed custom data services to facilitate the exchange of information between line-of-business apps.

Part of a project team that designed and implemented a serious game for a post-frame construction company. Windows desktop application developed using .Net framework, DirectX API, and MS SQL. Render models in a 3D world, generate quotes and contracts, and synchronize data between the corporate office and sales reps in the field.

**July 2002 -
October 2005**

PAL Health Technologies - Pekin, IL

IT Director

IT project coordinator and member of operations team

Project lead on the design and implementation of a custom 3D modeling application using Delcam's CAD/CAM software API, .Net framework, and Mastercam CNC toolpaths. Objective was to scan a physical shape, generate a point cloud, and map to an existing library of CNC toolpaths to eliminate sizing and cutting errors from the manufacturing process.

Project lead on the design and implementation of a custom CRM application with custom integration with Microsoft Dynamics.

Designed and implemented plans for disaster recovery, remote access and administration, automating manufacturing processes, and measuring labor productivity via barcode scanning. Automated processes to exchange data between Accounts Receivable, Accounts Payable, Human Resources, and Production Supervisors.

**June 1999 -
July 2002**

Heartland ITS - Peoria, IL

Senior Application Developer Consultant

Tech lead on a project to re-engineer a Microsoft Windows desktop Customer Information System (CIS) written in classic Visual Basic into a web application written in PHP running on Redhat Linux. Developed custom integration processes in PL/SQL to create, read, update, and delete data in Oracle application database.

Tech lead on development of a custom Microsoft Windows desktop application to sync customer, pricing, and contract data for a large sales force of a global construction and mining equipment manufacturer.

Tech lead on development of a custom Microsoft Windows desktop application for a local hospital to schedule patient labs and manage supplies and inventory.

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Support for custom Java processes to extract and load EDI translated data into Oracle via JDBC and SQLJ.

Custom web development in Cold Fusion and classic ASP

**June 1998 -
June 1999**

CILCORP - Peoria, IL

Application Developer

Member of CILCORP Illinois electric and gas deregulation team. Designed and supported EDI data translation processes using IBM Edge and Sterling Commerce Gentran software

Designed and implemented applications using classic Visual Basic, classic ASP, C++, and Oracle Pro*C

Education:

B.S. Computer Information Systems - Bradley University, 1999

Computer Information Systems - Illinois Central College, 1997

Specialties:

software development
system design and architecture
coaching / training / mentoring / leadership
technology research and implementation

Dev: Node.js, React.js, Webpack, Enzyme, ES6, Jasmine, Karma,
C#, Xamarin, Python, Django, Flask, git

Devops: vim, ssh, GNU/Linux, nginx, cloud, Xamarin Studio, Visual Studio

Design: TDD, IoC / DI, SOLID, Microservice Architecture

Data: MongoDB, MySQL, PostgreSQL, MSSQL, Oracle, RabbitMQ

Interests:

Coaching Softball (ASA/USA Certified), Reading, Clean Code, Agile

References:

Rod Roth
Managing Partner
CooperRidge Companies, LLC
E: rod.roth@cooperridge.net
P: 1-309-642-8885

Dan Damotte
DevOps Engineer
Samaritan Ministries, Intl.
E: dan.damotte@outlook.com
P: 1-309-215-7760