

Current Address
5075 Pond View
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PETER J. HANSON
20+ years of hands-on software
development and systems experience

Contact Information
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ONLINE RESUME

Please visit [HTTP://WWW.PKHANSON.COM/PETE](http://www.pkhanson.com/pete) for a comprehensive listing of my experience, skills, and personal thoughts and approaches to software development.

OBJECTIVE

To use my knowledge of software, systems, and architecture to design, develop, and implement technical or non-technical systems that save my client or company time and money. I want to help people use technology.

EDUCATION

Michigan Technological University in Houghton, MI
BS Business Administration (Management of Information Systems) | Cumulative GPA: 3.74 | MIS GPA: 3.94

Southeastern Institute of Computer Technology
Online Coursework | Hardware Technical Certification

Certifications: PHP Zend Engineer, ScrumMaster, Magento, and AWS

PROFESSIONAL EXPERIENCE

Up and Running Software, Inc. – IT Professional Services & Software Company – Ames, IA
Chief Software Development Architect & Founding Owner (9/95 – Present)

- Lead team of programmers in development of multi-platform and multi-language solutions.
- Manage client relationships where Up and Running serves as the clients' software development department.
- Analyze business clients' processes, and then consult on systems planning strategy.
- Help clients create, support, and migrate massive SaaS offerings and complex custom internal systems.

The Joplin Globe – Newspaper with ~200,000 subscribers – Joplin, MO
Systems Administrator and Website Developer (7/26/04 – 5/17/05)

- Designed and implemented a full online newspaper management system, including a complete content management system, banner administration system, email list manager, and user-interaction content system.
- Managed 3 paper websites and 6 servers that supported ~25 internal users and ~17,000 website visitors/day.
- Oversaw the Amber Alert website to help find missing or kidnapped children.

Peninsula Copper Industries – Copper Compound Manufacturer – Hubbell, MI
Assistant DBA/Application Developer/System Analyst (3/15/02 – 7/9/04)

- Designed and developed databases for a live manufacturing production environment.
- Designed and executed an intranet-based information distribution system.

Source 1 Results – Online Marketing Management – Hancock, MI

Lead DBA/Application Developer/Programmer/Analyst (1/1/01 – 1/15/02)

- Designed, developed, and managed databases for customer, marketing, and employee management.
- Used combination of mod_perl, Apache, and a MySQL database interfaced with a Visual Basic frontend.

IT CONSULTING SKILLS

SKILLS TO HELP DRIVE BUSINESS RETURNS

- **Software Development:** Having over 20 years of experience designing and rolling out custom enterprise and web-based solutions for design, healthcare, manufacturing, engineering, marketing, educational, e-commerce-oriented, non-profit, and government agencies, I specialize in developing, extending, migrating, and maintaining custom software using Agile Development principles.
- **Systems Analysis and Design:** I use my understanding of business practices, people, and technical options to design solutions that help and add value. I know the best practices, I know what usually works, and I know how to adapt to specific circumstances.
- **Iron Triangle:** The iron triangle in software development is the relationship between Scope, Resources, & Timing; together, they determine quality. I know these must be managed well to deliver a successful product, one that completely satisfies the customer.
- **Communication:** I know proper, consistent communication leads to success, preventing issues and ensuring understanding.
- **Commitment and Personal Concern:** I treat each company that I serve as if it were my own and advise accordingly. When my customers have problems, those are my personal problems, meaning I will act promptly and will not stop until they are resolved.

SOFTWARE AND TECHNOLOGY SKILLS (PLEASE CLICK [HTTP://WWW.PKHANSON.COM/PETE](http://www.pkhanson.com/pete) FOR DETAILS)

<u>DATABASE</u>	<u>SYSTEMS</u>	<u>LANGUAGES</u>	<u>METHODOLOGIES</u>	<u>ANALYSIS / PLANNING</u>
PostgreSQL, MySQL, NoSQL (MongoDB / SimpleDB / CouchDB / Solr / Elasticsearch / HBase), PL/SQL, SQL Server, DB2, & Oracle	Linux - Advanced, Apache, Asterisk, Amazon Services, Clusters, Hadoop, & Version Control (Git / SVN)	PHP, SQL, JavaScript (AJAX / RIA), CSS*, *HTML*, JSON, XML, REST, SOAP, ASP.NET, C#, Perl, Ruby, Python, & more (learn and apply)	Architecture Patterns (MVC / MVVM / 3 Tier), Design Patterns, Agile, Responsive Design, Test-driven Dev. (TDD), & Behavior-driven Dev. (BDD)	Requirements Gathering (DFD/ERD/Use Cases/ Lo-fi User Interfaces/*), PM / Task Management, Time & Cost Estimates, & Certified ScrumMaster

SOME SPECIFIC SKILLS:

- CMS/Wiki: Drupal, WordPress, Concrete5, ExpressionEngine, Joomla!, MediaWiki, Open Atrium, Plone, TikiWiki, and more
- PHP Frameworks / Platforms (MVC / other): Laravel, Phalcon, Kohana, CodeIgniter, CakePHP, Drupal, Symfony, Yii, Zend, and more
- E-commerce: Magento, Drupal Commerce, CRE Loaded, OpenCart, Ubercart, Hosted solutions, Search (Lucene/Solr, Endeca), and more
- JavaScript: AngularJS, Node.js, jQuery, Knockout, Rafeal.js, Dojo, Ext JS, MooTools, Prototype/Script.aculo.us, YUI, PhoneGap, Appcelerator's Titanium, Sencha Touch, trigger.io, Corona, Dojo Mobile, jQuery Mobile, Apache Cordova, and more

ACHIEVEMENTS AND INFORMATION

- Tae Kwon Do: Blackbelt Instructor, Vice President of Husky TKD (2000/2001), Awarded Most Valuable Person in (1999/2000), and awarded the Michigan Technological University Student Leadership Award (2001 & 2002).
- Community Focus: I helped Houghton Rotary and the Keweenaw Community Foundation by deploying websites pro bono. I donate my time presenting about IT to peers and students, and also serve on the state's IT Workforce & Education Committee.
- Entrepreneur and Business Owner: I have owned and operated several businesses, which means I understand well the challenges businesses encounter, know how to make things easier using IT and software, and know how to design business workflows.