

ROLES	TECHNICAL STRATEGY BUSINESS ANALYSIS SOFTWARE ARCHITECTURE INTERFACE DESIGN RESEARCH AND DOCUMENTATION TEAM LEADERSHIP
DESIGN	ILLUSTRATOR PHOTOSHOP INDESIGN FLASH
DATA	ORACLE SQL SERVER MYSQL MONGO
FRONT	HTML 5 XHTML BOOTSTRAP CSS LESS SVG CANVAS RAPHAËL JAVASCRIPT JQUERY BACKBONE
BACK	PHP CAKE NODEJS METEOR C# ASP.NET MVC JAVA SPRING ATG OBJECTIVE C iOS ACTIONSCRIPT 3 FLEX
ENVIRON	MAC OS X LINUX WINDOWS
PROJECTS COMPLETED FOR	AMERICAN EXPRESS AVON BARCLAYS BLACKROCK CISCO DISNEY EARTHLINK HP JENNY CRAIG KRAFT MAGNOLIA HI-FI MICROSOFT MOTOROLA NIKE NOKIA P&G SONY VERIZON VIRGIN
CURRENT AVAILABILITY	ACCEPTING OFFERS FOR CONSULTING AND ADVISORY WORK WORLDWIDE

SELECT EXPERIENCE

FOUNDING PARTNER PNDLM PORTLAND OR 2011—PRESENT

Founding partner in a web and application design and development agency serving a niche high-end software design market. For more information on our work, please visit PNDLM.com or contact me directly.

- Led the team in charge of designing and developing **SENSEI** (energysensei.com), an award-winning energy efficiency platform that analyzes the energy consumption of industrial facilities.
- Conceptualized and developed all-vector, scalable, responsive user interface prototypes using **HTML5 Canvas**, **SVG**, **Raphaël**, and **Twitter Bootstrap** for an international enterprise software company.
- Consulted with various Fortune 500 companies on software project rescue efforts, decompiling binaries to restore lost source code and advising on new development processes to avoid future disasters.
- Worked directly with executive-level stakeholders to clarify business objectives and strategy throughout development.

SOFTWARE ARCHITECTURE CONSULTANT NETROUS PORTLAND OR 2003—2011

Freelance consultant providing solutions to clients of all sizes.

- Developed and deployed the floor management system including player queuing, digital signage, and usage reporting for the **Sony Playstation Pavilion** at Disney World (Orlando, FL) using **Flex** and **Adobe AIR**, **Zend/PHP**, **MySQL** on **Windows 7**.
- Led architecture and development efforts on a smartphone-based nurse alert system for small healthcare facilities using **Apple iOS SDK/Objective C** (iPhone & Mac), **Python**, **Flex**, **Apache ActiveMQ**, **MySQL**, **Mac OS X Server** and **BASH**.
- Led efforts to analyze, re-architect and rebuild **Barclays' iPath ETN** website and its associated web services and data collection system using **Java**, **Spring MVC**, **Struts**, **MongoDB** and **SQL Server** on **Linux** and **Windows**.
- Developed a webcam video capture and encoding system for **Nike Canada's ForceFate Facebook** application using **Java**, **Red5**, **FFMPEG**, **Zend/PHP** and **MySQL** on **Linux**.
- Assisted in developing a sales tracking and reporting extranet in **C#** and **ASP.NET** for **American Express**.
- Developed customer-facing touchscreen kiosks for **Sony**, **Kraft**, **Magnolia Hi-Fi**, and **Virgin Megastores** using various combinations of **Flex**, **HTML**, **Adobe AIR**, **Firefox** and **Chrome** deployed on **Windows** and **Linux**.
- Deployed and maintained several marketing and e-commerce web sites and applications in **PHP**, **MySQL** and **XHTML+CSS**.

BUSINESS PROCESS CONSULTANT UNITED HEALTHCARE MINNETONKA MN 2009—2010

Team leader, analyst, technical architect, and user interface designer on reporting systems for the nation's largest health insurer.

- Led a telecommuter team responsible for redesigning and rewriting internal systems used daily by thousands of employees.
- Acted as the sole user interface designer on the team, making extensive use of **Photoshop** and **Illustrator**.
- Architected and developed a robust, reusable web-based reporting application framework using **C#**, **ASP.NET MVC**, **SQL Server**, **SSRS**, **XHTML+CSS**, and **JavaScript/jQuery**.
- Assisted in the architecture, maintenance and optimization of large **SQL Server** databases, up to tens of gigabytes or tens of millions of rows per table.

TECHNICAL ARCHITECTURE CONSULTANT WIEDEN+KENNEDY (VIA FILTER) PORTLAND OR 2009

Technical decision maker and engineer on interactive projects for some of the world's best known brands.

- Created the base architecture and layouts for **WK.com** (Wieden+Kennedy global website, launched 2010) in **XHTML+CSS**, **JavaScript/jQuery**, and **Zend Framework/PHP**.
- Devised and executed the migration of a **Nike** web site to high-availability hosting and a **CDN** in preparation for a segment on the **Oprah Winfrey** show.

SOFTWARE ENGINEERING CONSULTANT RAZORFISH (VIA VANDERHOUEWEN & ASSOCIATES) PORTLAND OR 2008—2009

On-site software engineering consultant to a major interactive marketing firm.

- Developed class libraries using **C#** and **WCF** to consume **JSON** web services for **Coors**.
- Worked with a team to develop web-based demonstrations of **Microsoft xRank** technology using **C#**, **ASP.NET**, **SQL Server** and **Omniture SiteCatalyst**.

TECHNICAL ARCHITECT THE NEW GROUP PORTLAND OR 2007—2008

Technical decision maker and analyst on client projects for an interactive marketing firm.

- Lead technical efforts for agency transition and on-going development of **JennyCraig.com**, written in **Java/ATG**, **Oracle** and **Omniture SiteCatalyst**.
- Completed a thorough written technical audit of the **JennyCraig.com** web property and associated systems.
- Architected and developed interactive **Windows Mobile 6.0** applications in **C#** for **Motorola**.
- Completed numerous **Silverlight** demo applications for **Microsoft**.
- Built and deployed a stack of virtual machines for **Java/ATG** development using **OpenVZ** and **Gentoo Linux**.
- Met directly with clients to strategize and clarify project and relationship direction from a technical standpoint.

SOFTWARE ENGINEER NEW EDGE NETWORKS, AN EARTHLINK COMPANY VANCOUVER WA 2007—2008

Technical analyst and software developer on employee-facing systems for a nationwide telecom company.

- Lead requirements gathering and technical analysis efforts for the company's network quoting and ordering system.
- Worked as part of a team of **Java**, **J2EE** and **PHP** developers to develop, maintain, and support internal **OSS** systems.

WEB DEVELOPER VIA TRAINING PORTLAND OR 2004—2005

OSS DEVELOPER NEW EDGE NETWORKS VANCOUVER WA 2000—2003

WEB DESIGN CONTRACTOR WASHINGTON ESD 112 VANCOUVER WA 1998—2000

WEBMASTER VECTOR SOFTWARE OF AMERICA VANCOUVER WA 1997—1998