

KENNETH CATION

TECHNOLOGY AND WEB EXPERT

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OVERVIEW An expert web, mobile and desktop application developer with specialties in software engineering, project management, graphic design and server/network administration. I also have extensive professional experience in game development, GUI design, SEO and computer repair. I'm self-motivated and work best either leading or as part of a team, onsite or remotely, using my excellent written and verbal communication skills.

- SKILLSET**
- Fluent in a variety of programming languages and technologies
 - Web/Mobile: PHP, ASP, SQL, HTML5, CSS3, Javascript, Flash, AS3, Perl, XML, AJAX, iOS & Android development
 - Frameworks: CodeIgniter, Kohana, FuelPHP, CakePHP, MooTools, JQuery, Flex
 - Desktop: C++, VisualBasic, Java, SQLite
 - Management: git, SubVersion, unit testing, project/resource management, UML diagraming
 - Systems Administration, Networking and I.T.
 - Windows Servers: IIS, ASP, ActiveDirectory, Exchange, DC, DNS, DHCP, FTP, Tape Backup, Login Scripting
 - Linux Servers: Apache, PHP, MySQL, NGINX, FTP, DNS, DHCP, Email, Perl, SubVersion, git
 - Networking: Router configuration (Cisco experience), ethernet switch/patch panel wiring, Windows domain creation, workstation setup (Windows and Linux interoperability), POS setup
 - Extensive experience diagnosing and repairing computer hardware and software, including server-class machines.
 - Graphic Design, User Interface Design and 3D Modeling
 - I am a skilled designer of usable and attractive interfaces for web, mobile and desktop applications. A strong understanding of graphic design, photography, and basic knowledge of 3D modeling add to a skillset that makes me a versatile digital design resource.
 - Software: Photoshop, Paint Shop Pro, GIMP, Flash, Illustrator, Blender, Swift 3D
 - Advertising, Marketing, SEO, Multimedia and More
 - Professional experience designing a variety of media for both online and offline use. Examples include games, video production, interactive e-learning experiences, banner advertisements, magazine advertisements, music, PowerPoint presentations, brochures and product video tours. A solid background in SEO completes my online marketing expertise.
 - Software: Adobe Premier Pro, Xara Pro, Adobe Captivate, Camtasia, Audacity, Mixcraft, Office 2010, OpenOffice.org

PROJECTS NTVB Media (February 2010 - Present)

- Continued implementation and management of a web-based subscription management application.
 - Continued to engineer and implement a **large scale** (half a million subscribers) application that combines **public-facing** order forms, callcenters, batch processing and IVR technology into a cohesive system.
 - Programmed in **PHP** using the **Kohana** framework. An **ORM** model layer was used to abstract the **MySQL** database.
 - Successfully performed a major upgrade to Kohana containing significant API changes and requiring heavy code rewrites.
 - Primarily used **Mootools**, but also maintained some legacy **JQuery** functionality used by an earlier programmer.
 - Worked remotely with an international team of developers. Utilized **git** to manage code changes, and **Redmine** to assist with project management responsibilities.
 - Engineered functionality, using UI mockups and process flowcharts to communicate changes to stakeholders and developers.
 - Integrated an **address verification system** and **payment gateway** for use publically and throughout the application.
 - Performed several **server and database administration** tasks, including database backups, obscure reporting, installation, configuration and maintenance of server software, and successfully **separated application and database servers**.

FixedElement (November 2009 - February 2010)

- Engineered and began implementing a social networking application with a focus on file sharing.
 - Taking ideas from management, **developed engineering documentation** detailing every feature of the system.
 - Conducted **technology feasibility analysis** and presented documentation to management explaining the findings.
 - **Created a project plan** detailing every task needed to complete the product with associated timing and cost.
 - Began implementation of the application from the ground-up. Programmed in **PHP** with a **MySQL** database. The application was **AJAX-heavy** and used frameworks such as **CodeIgniter** and **Google Closure**.

GlobalLink Network (June 2008 - October 2009)

- Implemented and helped engineer a large-scale web-based inventory control and CRM system.
 - **Lead the development team** during implementation. Both the team and myself worked remotely.
 - System helps related companies track and share inventory and other data amongst each other. Features include shipping/receiving, file management, customer relationship management, task management, training management, quotations, sales, etc. The application weaves together several inter-related sub-systems into one cohesive tool.
 - Barcode scanning plays a major role in the system, and many areas can be controlled entirely through scanning.
 - Programmed in **PHP** with a **MySQL** database. Frameworks used include **CodeIgniter** and **Mootools**.
 - Created a virtual Windows filesystem application allowing users to interface remotely with the web-based file management application natively through a Windows drive.

EDUCATION Oakland University / Oakland Community College (2000 - 2005)

- **Graduated with honors**, acquiring a double-associate degree in **Computer Information Systems**.
- Specialty degrees acquired in **Computer Programmer / Analyst** and **Computer Technology Specialist**.

*For more information, please visit www.kencation.com