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SUMMARY:

- 17 years of direct web development experience
- Master's degree in Human-Computer Interaction from the University of Michigan
- Bachelor's degree in History from Denison University.

CAPABILITIES:

- Over twelve years of experience building, securing, updating and maintaining websites and web-based applications in a mainly LAMP environment.
- Experienced with a wide variety of technologies including PHP, Perl, MySQL, HTML, CSS, Javascript, jQuery, Smarty, ColdFusion, Git, VirtualBox, Vagrant, and XML.
- Years of experience developing clean, hand-coded cross-browser compliant front-end code.
- Four years of experience maintaining, expanding and updating high-profile, high-traffic websites operating in a load-balanced cluster environment.
- Skilled at working directly and collaboratively with clients and end-users
- Highly proficient with Windows, Mac and Linux systems
- Quick learner, experienced troubleshooter
- Usability expertise, including running user tests and focus groups, analyzing results, and developing tools to facilitate testing different information architectures with users.
- Experienced podcaster and audio editor

EDUCATION:

Master of Information Science, Human-Computer Interaction Focus

University of Michigan School of Information, graduated 1999.

Coursework focused on usability, organization of information and using information technology in real environments. Courses included:

- Evaluation of Systems and Services
- Web Design and Development
- Database Design

Bachelor of Arts, History

Denison University, Granville OH, graduated 1997.

Wide variety of history courses, also some coursework in Computer Science.

EXPERIENCE:

Diamond Bullet Design, Ann Arbor MI - Web Developer

May, 1998 – May, 1999 - Intern and part-time employee

May, 1999 – August, 2002 – Full time web developer

- Refined deep grounding in developing highly usable, professional websites
- Worked with a wide variety of technologies on which I was self taught
- Direct liaison with clients
- Developed a variety of web applications, including ecommerce systems and time-tracking systems that are still used.

Snapdragon - Co-Founder

May 2002 – Present – Co-Owner and technical director

- Established a reputable web design and development company working servicing clients including the University of Michigan, Flint Ink, Amazon and Recycle Ann Arbor
- Developed software to allow for rapid iteration and testing of different information architectures to meet the requirements of the UM Comprehensive Cancer Center.
- Developed and maintained a tracking system to allow the UM Dental School to track families for a multi-year study, as well as quiz and questionnaire systems used both for the study and for classwork.

Nexcess – Ann Arbor, MI – Web developer

November, 2007 – Present

- Developed and implemented SEO and online marketing strategies for Nexcess. Primary supporting developer for important clients with large, high-traffic websites, developed systems to integrate with existing and third-party systems.
- Primary developer and troubleshooter for X17online.com, CrazyMonkeyGames.com, JoBlo.com, duties include design, development, SEO, maintenance, major redesigns and direct client relations.
- Lead developer on Magento Turpentine, a Magento extension allowing Magento to work with Varnish – including developer relations via github
- Assists Nexcess clients with Varnish/Turpentine issues
- Represented Nexcess at various conferences
- Skilled at troubleshooting in diverse environments, requiring expertise in analyzing and fixing problems in externally-developed applications.

REFERENCES:

Available on request.