



Jerry DeFoe

General Skill-set

Software Developer, Systems Administrator, Technology Instructor, Internet Venture Development

Specific Skill-set

CSS, PHP, MySQL, Linux Administration, Design, JavaScript, jQuery, Ajax, Python, RoR

Summary

Having been involved with software development and networked systems since college in the early 1980's, I have worked extensively with the UNIX operating system then and now its Linux derivatives.

Originally working with AT&T Bell Laboratories in Naperville, IL on numerous projects involving digital switching and data transmission, I helped to pioneer various network systems integration layers. Much of the very same network layers and server technologies used in these early days is what has grown up to be what we now know as the Internet.

By the late eighties, I had led a team that developed a software/firmware/hardware combination for transmission of sensor-based information for supervisory control and data acquisition over large distances via twisted pair for industrial automation. This technology was later sold to Electromatic Controls based in Denmark with US offices in Chicago. Serving as manager of systems and projects for their worldwide operations, I traveled the globe training engineers on the application of these systems. This is where I was fortunate to have honed the skills to express and bridge complex concepts in an understandable form to various interests such as engineering, marketing, sales and finance.

In the early 1990's I co-founded a company known as Industrial Network Systems where we specialized in training and project integration of manufacturing and process automation systems. One major project involved the use of data transmission via radio telemetry where I learned much about data transmission via radio waves. In 1993 I sold my portion of this company and moved to the Pacific Northwest where I live and work today.

Since then, I have been immersed and focused on open source web application development and have integrated numerous large-scale commercial projects providing Internet related solutions through the use of these technologies. My experiences have led to a distinctive approach to project integration by leveraging existing core content management platforms, rather than creating proprietary and monolithic applications.

The evolution of open source and open systems has led to a new philosophy of computing, and it has been a never-ending source of both challenges and joy. As an avid advocate of open source technology, I firmly believe that it provides the freedom for developers to innovate, administrators to function effectively as well as companies and organizations to acquire large bodies of existing code and applications free from proprietary control. Stated differently, my clients get their products and services to market much quicker and cost effectively than otherwise possible through a proprietary strategy and gain a large pool of technology resources to maintain and advance their particular integration.

For the last four years I have focused on design, development, training and administration of scalable WordPress and WordPress multi-user platforms for a variety of web content management applications

from E-Commerce to Event management.

From producing the technical plan to providing the required deliverable, I am ready to leverage the knowledge, experience, leading the technical team, code trove and skills I have gained in extensive application development to ensure your project is a success.

Academic

Computer Science

St. Cloud State University, St. Cloud, MN, United States

Sept 1983 - May 1984

Minnesota State University, Moorhead , MN, United States

Sep 1980 - May 1983

IEEE

North Dakota State University, Fargo, ND, United States

Sep 1979 - Jun 1980

Contact

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References, portfolio & specific skill-set available upon request. Half-hour meeting provided gratis to discuss your needs and my ability to facilitate.