

Prasanna

NZ Permanent Resident

Contact: 022 0822388 / prasanna@webplumbr.com

Current Location: Auckland

OBJECTIVE

To provide quality solution for business needs

PROFILE

- Open to a contract or full-time position in the IT industry or Educational Institutions. Can relocate for the right Company
- Seven years of work experience in the field of web development, related backend programming and across different stages of SDLC
- Has a background in Electrical and Computer Engineering. Holds a Masters Degree from an accredited United States Public University
- Four years of work experience in the United States of America across various sized Organizations and Geography
- Three years of work experience in the Indian subcontinent and good exposure to their programming and business practices
- Self motivated and disciplined to carry out tasks independently
- Comfortable working full-time in a creative, friendly and flexible environment
- Is presently interested in using technology for the betterment of Community

INDUSTRY CERTIFICATIONS

Zend PHP Certified Engineer (Candidate ID ZEND001260)

PROFESSIONAL SUMMARY

- Has developed and maintained business solutions for small & medium businesses, Corporates and educational departments over the period of time
- Emphasis on object oriented PHP development with focus on reusability and security issues
- Experience building ground up Frameworks and extending Custom Frameworks
- Experience across the social networking domain, online classifieds and data aggregation, customer relationship management and educational training

ROLE DESCRIPTION

Period: Feb 2007 – May 2010

Role: Web Developer/Consultant

Location: India

Classification: Services (maintenance & development), Web product development for Startups

Description: As a freelance web developer/consultant based across South India, was instrumental in offering LAMP based solutions for Tech Startups with development Offices in Bangalore and Chennai. Also, performed contract developer role for Overseas Software Development Companies with Offices in South India. Some roles as follows:

- Developed Facebook Applications with optimal use of FBML and FBJS
- Integrated slick Web 2.0 Javascript libraries, like jQuery, Dojo and Script.aculo.us
- Interacted with third-party SOAP and REST APIs and made use of PHP based OAuth libraries to implement Facebook Connect and Twitter Single Sign-on
- Integrated Google Maps API for custom organizational use
- Improved query response time through Full-text Search Engine implementation. Further improvement of quality of search results through optimization experience
- Performed SVN repository maintenance, taken branches and named tags
- Integration with reliable third-party payment gateways

Was a refreshing change to work as a freelance consultant and at times as remote developer. The roles taught self organization and the need to be self disciplined. Positions demanded self motivation and the overall setup offered flexibility and better management of personal time. The overall experience covered software development practices across Tech Startups and Service Companies based in South India.

Period: Feb 2006 - Nov 2006

Role: Web Developer/Programmer

Organization: Omniti

Location: Columbia, Maryland, USA

Classification: Web based Application development to interact with in-house Product

Description: Was involved in the development of the web interface of Omniti's proprietary mailing campaign software. The web tier employed PHP frontend and PostgreSQL as the database. Wrote stored procedures for PostgreSQL and handled filtering of data imports. This included a good exposure to unicode characters related handling issues of PHP 5, string manipulation using Perl Regex and usage of PHP 5 SOAP library. This position involved interaction with some of the core developers of the PHP scripting language's extension libraries and it provided valuable insight in to their programming practices.

Period: June 2005 - Jan 2006

Role: Consultant

Organization: Cignex Technology

Location: Santa Clara, California, USA

Classification: Services (Product customization)

Description: Was involved in the extensive customization of Sugar CRM framework for a Client of Cignex Technologies. Was introduced to the modular architecture of Sugar CRM. Also, developed a good understanding of Open Source Software Licenses. Was a great team (functioning as a unit) under the Company's inspirational CEO.

Period: Oct 2004 - April 2005

Role: Contract Web Developer

Organization: Yahoo! Inc.

Location: Sunnyvale, California, USA

Classification: Product Development (development of brand new Yahoo! property)

Description: Was a great opportunity to work in large scale application development in a typical 1.0 product development environment. The application was Yahoo! 360 (now, defunct) and was during the early years of online social networking concept. The role included integration of Yahoo! Backend APIs with custom frontend PHP based framework. Meticulous attention to details was taken to develop the application and to meet stringent requirements of Yahoo! Performance Team. Was introduced to the world of PHP performance, profiling and web caching techniques. This position improved the understanding of Document Object Model and XML manipulation.

Period: Aug 2002 - April 2004

Role: Web Developer

Organization: 4-H Youth State Department, Oklahoma State University

Classification: Server Administration, Application maintenance and development

Location: Stillwater, Oklahoma, USA

Description: Was responsible for maintaining the Oklahoma 4-H website and the Server. Server administration included upgrades and patches application for Apache HTTPD Server and MySQL DB Server. Other activities included setting up Open SSL, development and maintenance of PHP based custom content management system for communicating information across various 4-H State departments in the State.

Period: Aug 2001 - July 2002

Role: Web Developer/Graduate Research Assistant

Organization: Engineering Media Labs (EML)

Location: Norman, Oklahoma, USA

Classification: Web Application Development

Description: As a research assistant, was responsible in developing educational and testing content for University undergrad Engineering students. Applications were developed in Macromedia Flash with extensive usage of Flash action scripts 2.0. Macromedia Director's Lingo script was also employed for development. Illustrative animations were performed using Carrara 3D modelling software. Was also involved in a parallel development of training material for Tinker Air Force Base employees, Oklahoma City. EML was a great learning place for web development.

TECHNICAL SKILLS

Tool	Period of Usage
PHP 4	2003 - 2006
PHP 5	2007 – till date
JavaScript	2005 – till date
HTML	2001 – till date
CSS	2004 – 2005, 2007, 2009
Shell Scripts	2006, 2008 - 2009
SVN	2006 – till date
CVS	2004 - 2005
MySQL (v 3.23 – v 5.1)	2003 – 2005, 2007 - 2010
PostgreSQL	2006
Zend Framework	2007
Sugar CRM Framework	2005
jQuery	2009 – till date
Google Maps JS API	2009, 2011
Amazon Web Services API	2009
FBML, FBJS	2010
PHP memcache	2007, 2009

EDUCATION

Master in Science (major: Electrical & Computer Engineering), Oklahoma State University, Stillwater, USA

Bachelor in Engineering (major: Electronics & Communication), Madurai Kamaraj University, India

MISCELLANEOUS

- An avid Traveller that enjoys road trips and treks
- Loves Street Photography and World Cinema
- Plays Foosball and Badminton
- When not working, engages in DIY Projects at Home