

Craig Zearfoss
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SENIOR SOFTWARE ENGINEER

I am a Full Stack Developer with over 20 years of experience in a variety of industries and technologies. I have worked in all phases of software development, but my primary focus has been in backend development with PHP and front ends using JavaScript and Vue.js. I have also done a lot of database work, designing schemas and optimizing complex queries in both MySQL and Postgres.

I excel at gathering customer requirements to design robust integrated systems that are user friendly while still being highly maintainable and scalable. My experience allows me to understand how pieces fit together to create reusable modular components. This strategy not only facilitates teamwork, but also accelerates the development cycle and allows for the creation of comprehensive test plans. I'm not married to any particular technology and love finding new solutions which is why I'm a big fan of developer interaction and code reviews.

I am seeking a position where I can take on a lead role in designing and implementing solutions to meaningful applications. But I'm not above debugging and maintaining existing code and have a lot of experience upgrading legacy systems to modern frameworks. Currently I am only seeking remote roles.

SKILLS

PHP Frameworks	Laravel 12, CodeIgniter 4, CakePHP 2
JavaScript Frameworks	Vue.js, jQuery (some React)
Languages	PHP, JavaScript ES6 / JSX, SQL, Powershell, BASH, DOS
Databases	MySQL, MariaDB, Postgres (some MongoDB and Elasticsearch)
Operating Systems	Linux (Ubuntu), Windows, macOS
Servers	Nginx, Apache2
Version Control	Git, JIRA/Confluence
Additional Skills	HTML5, CSS3, DOM, JSX, Ajax, Twitter Bootstrap, JSON, REST, XML, RDF, Docker

EMPLOYMENT HISTORY

- Senior Software Developer** May 2021 to present
Idaho National Laboratory - Idaho Falls, ID · Remote
Modernized and added new features to a ticketing system for monitoring cyber threats.
 - Upgraded web application to CodeIgniter 4 and Vue.js frameworks.
 - Implemented a Role-Based-Access Control (RBAC) system and administrative interface.
 - Created a ticket design and authoring application using custom Vue components.
 - **Skills:** PHP · Vue.js · MySQL · JavaScript ES6 · CodeIgniter 4 · jQuery · Cascading Style Sheets
 - Software Development · Server-side Programming · Front End Programming

Senior Software Engineer 3M · Hybrid Used a rules-based engine to validate 3M product data in an Elasticsearch database. Skills: PHP · Vue.js · MySQL · Elasticsearch · JavaScript ES6 · Software Development · Server-side Programming	July 2019 to May 2021
Senior Software Engineer Questar Assessment Inc. - St. Paul, MN · On-site Modernized and added new features to an online authoring and delivery system for state-wide student assessment exams.	September 2016 to July 2019
<ul style="list-style-type: none"> Created an application to automate the creation of PDF booklets from web-based exams. Implemented custom JavaScript interactions for browser-based interactive test items. Skills: PHP · Vue.js · MySQL · JavaScript ES6 · PostgreSQL · XML · jQuery · CSS · Software Development · Server-side Programming · Front End Programming 	
Senior Web Developer Junta LLC – Miami Beach, FL · On-site Created and maintained high-traffic multimedia member websites and public tours.	February 2009 to September 2016
<ul style="list-style-type: none"> Implemented administrative applications for controlling website content. Performed SEO optimization, A/B testing, traffic analysis, and billing audits. Skills: PHP · Vue.js · MySQL · JavaScript ES6 · PostgreSQL · XML · jQuery · CSS · Software Development · Server-side Programming · Front End Programming 	
PHP Web Developer Presens Technologies Ltd. - Winston-Salem, NC · On-site Designed and implemented web-based leadership assessments.	November 2006 to January 2009
<ul style="list-style-type: none"> Performed complex statistical analysis of test data. Created individual graphical data analysis PDF reports from test results. Skills: PHP · MySQL · JavaScript ES6 · jQuery · PDFLib · Apache · Software Development · Server-side Programming · Front End Programming 	
PHP Developer Offutt Systems, Inc. - Greensboro, NC · On-site	April 2006 to November 2006
<ul style="list-style-type: none"> Converted a Linux-based real estate application to Windows for remote agents. Skills: PHP · MySQL · Oracle · JavaScript · Windows · CSS · SQL · Software Development 	
Software Programmer/Analyst IBM Desktop Systems / Lenovo - Durham, NC · On-site	August 1995 to February 2002
<ul style="list-style-type: none"> Created and maintained the build process for the release of Windows OEM pre-installation software for all Lenovo computers. Performed software testing, hardware upgrades, and pc maintenance. Designed and created an in-house website for managing software applications. Skills: Rexx · Visual Basic · DOS · OS/2 · Windows · Windows NT · Lotus Notes 	
Functional Verification Tester IBM Network Management Products - Durham, NC · On-site	December 1992 to August 1995
<ul style="list-style-type: none"> Tested network management products on multiple network platforms. Skills: VM · MVS · VSE · OS/2 · NetView · LAN Network Manager 	

Education

Bachelor's Degree in Computer Science - January, 1992
Pennsylvania State University

Bachelor's Degree in Mechanical Engineering - January, 1988
Pennsylvania State University

Certifications

Google Cybersecurity – July, 2023
AWS Cloud Practitioner – May, 2019
PHP 5 Zend Certified Engineer – January, 2009