

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 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 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

July 2019 to May 2021

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

Senior Software Engineer

September 2016 to July 2019

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.

- 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

February 2009 to September 2016

Junta LLC – Miami Beach, FL · On-site

Created and maintained high-traffic multimedia member websites and public tours.

- 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

November 2006 to January 2009

Presens Technologies Ltd. - Winston-Salem, NC · On-site

Designed and implemented web-based leadership assessments.

- 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

April 2006 to November 2006

Offutt Systems, Inc. - Greensboro, NC · On-site

- 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

August 1995 to February 2002

IBM Desktop Systems / Lenovo - Durham, NC · On-site

- September 1992 to March 2006 - Durham, NC

- Created and maintained the build process for the preloaded software on IBM desktop and Lenovo laptop systems.
- Performed software testing, hardware upgrades, and pc maintenance.

Functional Verification Tester

December 1992 to August 1995

IBM Network Management Products - Durham, NC · On-site

Software Programmer/Analyst - September 1992 to March 2006

- Created and maintained the build process for the preloaded software on IBM desktop and Lenovo laptop systems.
- Performed software testing, hardware upgrades, and pc maintenance.

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