

# Craig Zearfoss

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## SENIOR SOFTWARE ENGINEER

Full Stack Developer with 20 years of industry experience, specializing in PHP, JavaScript, and ReactJS for scalable web applications. Demonstrates expertise in upgrading legacy systems and designing intuitive, maintainable, and secure CMS solutions. Proven ability to gather requirements, create modular components, and implement custom widgets and microsites in agile, fast-paced environments, ensuring high standards of performance and accessibility.

## SKILLS

- **PHP Frameworks:** CodeIgniter 4, Laravel, CakePHP, some Symfony
- **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

<b>Idaho National Laboratory (contracting with Pivotal Solutions)</b> <i>Senior Software Developer</i>	<b>May 2021 - Present</b> <i>Idaho Falls, ID</i>
• Modernized a legacy ticketing system by integrating PHP frameworks and Vue.js components, demonstrating proficiency in full stack development.	
• Developed an admin interface with Role-Based Access Control (RBAC) using HTML5, CSS3, and JavaScript, ensuring secure and user-friendly access management.	
• Engineered a ticket authoring application utilizing custom Vue components, showcasing expertise in creating custom widgets and responsive user interfaces.	
<b>3M (contracting with Lawinger Consulting, Inc.)</b> <i>Senior Software Engineer</i>	<b>Jul 2019 - May 2021</b> <i>St. Paul, MN</i>
• Collaborated on a team to validate product data with a rules-based engine, employing agile methodologies and JIRA to deliver efficient web solutions.	
<b>Questar Assessment Inc.</b> <i>Senior Software Engineer</i>	<b>Sep 2016 - Jul 2019</b> <i>Minneapolis, MN</i>
• Created an application to create PDF booklets from browser-based student exams.	
• Implemented custom JavaScript interactions for web-based student exams.	
<b>Junta LLC</b> <i>Senior Web Developer</i>	<b>Feb 2009 - Sep 2016</b> <i>Miami Beach, FL</i>
• 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.	
<b>Presens Technologies, Ltd.</b> <i>PHP Web Developer</i>	<b>Nov 2006 - Jan 2009</b> <i>Winston-Salem, NC</i>
• Designed and created web-based assessments for leadership consulting companies.	
• Created individual graphical data analysis PDF reports from test results.	
<b>Offutt Systems, Inc.</b> <i>PHP Developer</i>	<b>Apr 2006 - Nov 2006</b> <i>Greensboro, NC</i>
• Converted a Linux-based real estate application to Windows for remote agents.	
<b>IBM Desktop Systems / Lenovo</b> <i>Software Programmer/Analyst</i>	<b>Sep 1992 - Mar 2006</b> <i>Durham, NC</i>
• 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

<b>Pennsylvania State University</b> <i>Bachelor's Degree, Computer Science</i>	<b>Jan 1992</b>
<b>Pennsylvania State University</b> <i>Bachelor's Degree, Mechanical Engineering</i>	<b>Jan 1988</b>

## **CERTIFICATIONS**

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