

# Craig Zearfoss

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## Senior Full Stack Developer

I love designing and creating applications that are robust, efficient, secure, and user-friendly. I understand how components and processes interact which allows me to design optimized, maintainable systems.

## Contact

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Davenport, FL

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## Skills (details on page 2)

PHP

Laravel

CodeIgniter

JavaScript ES6

Vue.js

React

TypeScript

Database

MySQL / MariaDB

Postgres

Linux, Windows, macOS

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## Education

### PENN STATE UNIVERSITY

BS, Computer Science

BS, Mechanical Engineering

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## Certifications

Google Cybersecurity

AWS Cloud Practitioner

PHP 5 Zend Certified

Engineer

## Experience

### SENIOR SOFTWARE DEVELOPER IDAHO NATIONAL LAB.

May 2021 - present

Modernized and added new features to a ticketing system for monitoring cyber threats.

- Upgraded to modern PHP and Vue.js frameworks.
- Implemented Role-Based Access Control system (RBAC) and administrative interface.
- Created a ticket authoring application using custom Vue components.

### SENIOR SOFTWARE ENGINEER 3M

Jul 2019 – May 2021

Used a rules-based engine to validate 3M product data in an Elasticsearch database.

### SENIOR SOFTWARE ENGINEER QUESTAR ASSESSMENT INC.

Sep 2016 - Jul 2019

Modernized and added new features to an online exam authoring and delivery system used for state-wide exams.

- Implemented an application to create PDF test booklets from browser-based student exams.
- Created custom JavaScript interactions for web-based student exams.

### SENIOR WEB DEVELOPER JUNTA LLC.

Feb 2009 - Sep 2016

Created and maintained high traffic multimedia websites.

- Designed and implemented administrative applications for controlling website content.
- Performed SEO optimization, A/B testing, traffic analysis, and billing audits.

## Skill details

PHP Frameworks	CodeIgniter 4, Laravel, CakePHP (some Symfony)
JavaScript Frameworks	Vue.js, React, TypeScript, jQuery
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, Ajax, Twitter Bootstrap, JSON, REST, XML, RDF, Docker

## Additional Experience

### **PHP WEB DEVELOPER** PRESENS TECHNOLOGIES, LTD.

Nov 2006 – Jan 2009

Designed and implemented web-based leadership assessments.

- Performed complex statistical analysis of test data.
- Created individual graphical data analysis PDF reports from test results.

### **OFFUT SYSTEMS** PHP DEVELOPER

Apr 2006 – Nov 2006

Converted a Linux-based real estate application to Windows for remote agents.

### **SOFTWARE PROGRAMMER/ANALYST** IBM DESKTOP SYSTEMS / LENOVO

Sep 1992 - Mar 2006

Responsible for integrating vendor software for installation on OEM computer systems.

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