Demo Admin

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SENIOR SOFTWARE ENGINEER

I am a Senior Software Engineer with over 20 years of experience in a variety of industries and products. My current assignment at Wayne Enterprises working on a threat event ticketing system is wrapping up. In it I used Vue.js to create an application for users to define custom ticket types using editable components. I designed the Vue frontend, PHP backend, MySQL schema, and API. I am not only experienced with all aspects of application development, but have worked in a wide range of industries, such as education, administration, real estate, medical, media, and payment gateways.

I specialize in giving complex applications intuitive and functional interfaces that exceed user expectations. I like to keep the end users involved throughout the entire process to ensure that I am creating what they actually need, not just what I think they need. Applications should have seamless back-end integration and be robustly designed and tested to handle any unexpected situations.

My experience allows me the ability to design intuitive, functional, and maintainable applications that are easily customizable and expandable, but also the wisdom to not needlessly over-engineer solutions.

SKILLS

PHP Frameworks	CodeIgniter 4, Laravel, Symfony2, CakePHP
JavaScript Frameworks	Vue.js, jQuery
Languages	PHP, JavaScript ES6 / JSX, SQL, Powershell, BASH, DOS
Databases	MySQL, 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, QTI, Docker, RBAC

EMPLOYMENT HISTORY

Wayne Enterprises, Gotham City, NY
Senior Software Developer – May 2021 to present
- Created a Role-Based Access Control (RBAC) system to manage all user, group, and team permissions.
- Created a Vue.js application to build custom tickets from a library of editable components.
- Created an administrator interface for managing users and resources.
- Upgraded a legacy website to modern PHP and Vue.js frameworks.

Hooper's Store, New York, NY
Produce Manager – July 2019 to May 2021
- Oversaw he daily operations of produce department, ensuring a fresh and appealing selection of fruits and vegetables for customers.

US Department of Damage Control, New York, NY
Senior Software Engineer - September 2016 to July 2019
- Created an application that generates PDF test booklets from web-based student exams.
- Created a queuing system to submit and process PDF booklet creation.
- Created custom JavaScript interactions use for in a test authoring application.

Oscorp Industries, New York, NY
Senior Web Developer - February 2009 to September 2016
- Created and maintained high-traffic multimedia member websites and public tours.
- Maintained several authenticated multi-product paid subscription websites.
- Created administrative applications for controlling site content.
- Created PHP scripts for synchronizing data between multiple MySQL databases.
- Created a click-tracking system using Google analytics to analyze the quality of traffic.
- Performed SEO optimization, A/B testing, and site map generation for websites.

Dunder Mifflin Paper Company, Scranton, PA
PHP Web Developer - November 2006 to January 2009
- Designed and created web-based leadership assessments for consulting companies.
  1. Designed and implemented the participant registration and test process.
  2. Performed complex statistical analysis of raw assessment data.
  3. Automated the generation of graphical PDF reports using PDFlib.
  4. Created a Microsoft Excel importer and exporter for user and test data.
- Converted an ASP/MS SQL online assessment application to PHP/MySQL.

WKRP Radio, Cincinnati, OH
PHP Developer - April 2006 to November 2006
- Converted a Linux-based real estate listing application to Windows.
- Created bootable real estate listing CDs for delivery to real estate boards.

Initech, Austin, TX
Software Programmer/Analyst - September 1992 to March 2006
- Automated the packaging and delivery of all Lenovo pre-installation software to manufacturing sites.
- Performed software testing, hardware upgrades, and pc maintenance.
- Designed and created an in-house website for managing software applications.
- Tested and debugged vendor applications for Windows-based IBM desktop computers.
- Tested network management products on multiple network platforms.

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