

Paul V. Hoffman

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Objective

Seeking a position as a software engineer to employ my experience, knowledge, and positive attitude across a broad range of skills and tools to efficiently provide reliable and consistent applications and solutions.

Experience

Principal Software Engineer - Becton Dickinson & Company
San Diego, CA

April 2015 – Present

- Analyze and implement resolutions for complex concurrency problems in middleware applications.
- Author detailed software design, functional, and security specification documents to provide clear understanding of product for stakeholders, developers, testers, and project managers.
- Implement documentation and software conformance for Defense Information System Agency's (DISA) Security Technical Implementation Guide regulations for Microsoft SQL Server databases, Microsoft .NET Framework, Microsoft Windows Server 2012, Microsoft Windows Internet Information Server, and medical devices.
- Design and implement interoperability solutions for software solutions developed with different runtime requirements, platforms, and libraries.
- Provide solutions for new features and existing production issues in mission critical software applications while quickly obtaining domain knowledge and experience.
- Analyze and interpret the needs of support and integration staff to identify and fulfill development tasks necessary to meet requirements.
- Oversee and provide guidance for work done by junior colleagues during product design and development.

Senior Software Engineer - Yellow Magic
Murrieta, CA

November 2001 – March 2015

- Create complex iPad and iPhone applications and supporting server side software, with secure back-end database queries and updates via RESTful HTTP methods, for enterprise sales team management purposes.
- Design and create web applications for enterprise reporting and consumer search using modern front-end Javascript libraries such as jQuery and AngularJS.
- Increased overall system performance by implementing and exposing software components written in C and C++ to higher level languages via COM on Windows.
- Re-factored and re-implemented legacy applications and libraries for use on modern operating systems and hardware architectures.
- Planned and introduced new and complex software features based on client needs while maintaining stability and backward compatibility.
- Migrated production code and documentation SCM from Visual Source Safe to Git.

Senior Software Engineer - Sound Vet
Murrieta, CA

March 2006 - June 2006

- Contracted to implement C++ COM interfaces into C libraries for digital x-ray equipment for the purpose of inter-op consumption in C# and VB.NET.
- Advised and worked with software development team to successfully fulfill enterprise requirements for portable X-ray machines.
- Produced precise technical documentation and supporting material for use by internal development team.

Field Communications Technician - Candou Communications
Murrieta, CA

2000 - 2002

- Install, maintain, and troubleshoot cellular and police communication equipment to standards required by Motorola.
- Coordinated with 4 person team to reliably install digital communications systems for Orange County Police Department Vehicles ranging from undercover cars, motorcycles, and prison buses.
- Successfully installed and diagnosed problems with cellular communications rack systems.

Small Unit Leader/Field Technician - United States Marine Corps
Murrieta, CA

1993 - 2000

- Lead and maintained the necessary technical knowledge and discipline of teams consisting of 30 Marines purposed to install and operate remote communications outposts which provided secure mission critical digital bandwidth to field commanders.
- Received multiple awards and commendations for leadership and technical proficiency.
- Maintained and analyzed personnel documentation for the purpose of continuing individual improvement of Marines within my unit.
- Successfully completed many technical and leadership training courses.

Professional Skills

- *Languages*

C++	<div><div></div></div>	10 years
C#	<div><div></div></div>	8 years
C	<div><div></div></div>	8 years
Javascript	<div><div></div></div>	7 years
Python	<div><div></div></div>	7 years
PHP	<div><div></div></div>	3 years
Powershell	<div><div></div></div>	3 years
SQL	<div><div></div></div>	7 years

- *Platforms*

iOS	<div><div></div></div>	3 years
Linux	<div><div></div></div>	3 years
Windows	<div><div></div></div>	12 years

- *Technologies*

ASP.NET	<div><div></div></div>	5 years
Apache HTTP Server	<div><div></div></div>	5 years
Microsoft IIS	<div><div></div></div>	7 years
Microsoft SQL Server	<div><div></div></div>	5 years
Microsoft Visual Studio	<div><div></div></div>	10 years
XCode	<div><div></div></div>	3 years

Education

Park University - Camp Pendleton Extension

1996 - 2000

- Computer & Information Systems curriculum.
- 3.75 GPA.

Extracurricular Activities

- Coursera Machine Learning Course.
- Coursera Data Scientist's Toolbox Course.
- Coursera R Programming Course.
- Coursera Exploratory Data Analysis Course.