

Jeff Saenz

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EDUCATION

B.S. in Computer Science (CSU Fullerton) - 1990

PRIMARY SKILLS

- Web Development
- Graphic Design
- Project Management
- Social Media Marketing
- Email Marketing (Constant Contact, MailChimp)
- Computer System Administration
- Google Cloud / G- Suite Administration

WORK EXPERIENCE

River 2 Web (2016-Present)

Lake Havasu City, AZ

Owner - Web Application Design

Developed and maintained custom commercial web sites using Wordpress, Constant Contact, MailGun, and G-Suite for small business and non-profit organizations. Duties included programming in PHP/Javascript/CSS, graphic design with Adobe Illustrator and Photoshop, Wordpress development and administration, web site security configuration, email marketing campaign development (Constant Contact) and web hosting administration (BlueHost, DreamHost, GCP).

J and R Handyman (2016-2019)

Cypress, CA

Owner - Handyman Online Service

Owned and operated a web based handyman referral service located in Cypress, CA. The services included basic home and rental property repairs. The referral system was managed and marketed online using Yelp, Instagram, Google Ads and a custom client web support system.

Cognitive Medical Systems, Inc. (2014-2016)

San Diego, CA

Front End Web Developer

Worked as a front end web developer, as part of a small team, on a health care management web application for the Veterans Administration (VA). Primary responsibilities consisted of developing the web user interface for the application, creating graphics using Adobe Illustrator, testing the front end software and managing the continuous integration for updates to the system.

DirecTV (2013-2014)

El Segundo, CA

Front End Web Developer

Worked as a front end software developer on a mobile first web application for DirecTV. Development responsibilities included styling the user interface with

CSS, creating basic user interactions with 3D animations, designing a responsive interface for mobile web and testing the backend running Node.js, nginx and Redis.

Web Developer (2012-2013)

Cypress, CA

Independent Contractor - AWS Web Application Development

Worked as an independent contractor developing responsive web sites hosted in Amazon EC2. The sites were developed using Javascript, Node/Express, Bootstrap, CSS3, HTML5 and jQuery.

Jet Propulsion Laboratory (2001-2012)

Pasadena, CA

Senior Software Engineer - IT Support and Web Development

Worked, as a Software Engineer with the JPL IT group, developing and maintaining an application and server monitoring environment. Duties consisted of supporting the administration staff for service issues, developing new monitoring features, reporting system availability, troubleshooting enterprise issues and deploying new monitoring solutions.

Supported services including:

- Database - MS-SQL, Oracle, MySQL
- Windows - Active Directory, LDAP, Exchange, Sharepoint, IIS
- Infrastructure - VMWare Virtual Center, SAN H/W, VOIP, Storage
- Applications - Docushare, Remedy
- Windows / Unix

Web Development (2000-2001)

Los Angeles, CA

Web Application Developer

TrikMedia.com - Worked as a contractor for TrikMedia.com developing custom web applications using Linux, Apache, PHP, Perl, and Mysql.

ICANN.org - Developed global membership application and back office system using CGI, mod_perl, Perl, PHP, HTML, Apache/Stronghold web server, MySQL and Linux.

Orientation.com - Developed custom news feed scripts for news portal using Perl, PHP, Linux, MIME e-mail processing, and advanced regular expression matching.

FoodbrokersUSA.com - Developed broker membership system using PHP, Red Hat, and the Postgres object-oriented database.

Jet Propulsion Laboratory (1996-1999)

Pasadena, CA

Software Engineer - Web and Object Oriented Programming

Worked as a software engineer developing a reusable web based documentation management application that allowed flight projects to publish and share documents online.

Provided systems integration software support for the deployment of the DocuShare commercial documentation management system.

Developed a shared network real-time application used to simulate combat systems by the US military. The system was developed using CORBA, ODBMS, C++ and Solaris/Unix.

The Aerospace Corporation (1990-1996)

El Segundo, CA

Software Engineer - Real-time Simulation and Software Validation

Performed detailed independent review and simulation testing of a command and telemetry subsystem for an advanced satellite software system.

Designed and developed an object oriented visual manufacturing simulation used to identify bottlenecks in the construction of launch vehicles at Cape Canaveral, Florida.

Developed real-time simulation software to test flight code as part of an uplink command workstation. The software was developed in C. The tool provided test

engineers with command, control and telemetry display for a spacecraft processor.

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