

STEVE WEILAND

Senior Software Engineer

Portland, Oregon | steve@cfswp.com | 971.344.0031

Extensive background designing and building enterprise applications. Experienced with full lifecycle software development including requirements capture, prototyping, proof of concept, design, implementation, testing, releasing and operation.

WORK EXPERIENCE

NIKE

Senior Software Engineer (Cloud Customization Services Team) | Jun, 2016 - Current

Worked with the Cloud Customization Services team to design and develop a suite of Microservices supporting Customization, Personalization and Checkout.

- Designed and built loosely coupled and independently scalable RESTful Microservices.
- Reviewed technical design documents, runbooks, code and tests.
- Automated DevOps (building, testing, and releasing software) in our continuous delivery environment.
- Developed and ran performance tests to profile and tune our services.
- Automated monitoring via New Relic, Signal fx, Cloud Watch and Splunk dashboards.
- Operated in the Cloud. Monitored workloads, diagnosed and fixed problems.

RENEW FINANCIAL

Senior Software Engineer | 2013 - 2015

Worked with Services Team to design and develop the Microservices which provide green contractors with project financing.

- Designed, developed and operated RESTful Microservices that delivered business value.
- Refactored messaging and storage implementation in loan originator service to use AWS SQS and S3.
- Implemented new features and refactored problematic implementations in a plethora of web services.
- Executed all DevOps tasks, automated when possible.
- Operated in the Cloud. Monitored workloads, diagnosed and fixed problems.

NIKE (SPARQ)

Senior Software Engineer | 2009 - 2012

Designed and built applications which computed and managed athlete performance testing and data for different sports. Allowed athletes to view their scores, track their progress and compare against others.

- Ruby on Rails based UX / UI with a RESTful service layer.
- Built APIs for event vendors and operated on clustered architecture.
- Built and supported onsite system for performance data capture.

CLOUDOPS

Senior Software Engineer | 2008 - 2009

Web interface / RESTful web services that managed application deployments in Amazon Web Services.

- Custom Amazon Machine Image development: Java, Rails and Lamp stacks on CentOS base images.
- Built services to support management of image (AMI), instance (EC2), security groups, elastic IP, load balancers and elastic block storage (EBS).
- Collaboratively designed and built control panel to manage Cloud infrastructure.

PINPOINTLOGIC

Senior Software Engineer | 2007 - 2009

Developed service based software for PPL clients.

- Built Java based web service for persistent object storage and caching used in collaboration software.
- Worked with front end developers to build UI built around Ext.js.
- Ported banner serving engine from PHP to Apache Module written in C, improved performance 5x.
- System served 25,000,000 banners a day roughly 290 banners a second.
- Apache2.x and MySQL C apis, caching.

SIGNACERT

Senior Software Engineer | 2006 - 2007

Participated in Verification Interface implementation as well as client enhancements.

- Product built with Java, based around web services, leveraged Spring and Hibernate frameworks.
- Large dataset handling by SOAP API.

UXCOMM

Senior Software Engineer | 2005 - 2006

Enterprise management software suite consisted of a proprietary XML based scripting language that drove protocol level stacks via adapters.

- Implemented IPMI API. Used to manage servers/blades and report board level sensor readings.
- Designed Linux Management Instrumentation to monitor and manage Linux based servers/blades.
- Developed Dynamic Server Provisioning product to automate provisioning of Linux based servers.
- Designed and implemented Asset Repository leveraging Spring and Hibernate Frameworks.

KIETRA

Senior Software Engineer | 2004 - 2005

Designed, built and operated an electronic medical record and billing product.

- Java based application built on Spring, Spring MVC and Hibernate.
- RESTful web services for data import/export.

THE WIDGE

Software Engineer | 2003 - 2012

A web based domain name management tool. The system allows users to register and transfer Domain Names, manage DNS records, host or route email and web sites.

- Java, Spring and Hibernate Frameworks. Services and subsystems implemented in Java and C.

VIA TRAINING

Software Engineer | 2000 - 2003

Lead team of engineers in successfully deploying large scale J2EE based e-learning applications.

- Designed a rich domain model to encapsulate data and behaviors.
- Promoted Object Oriented design and the use of patterns to enhance extensibility.
- Evangelized test driven development and refactoring to improve maintainability.

WHITEHORSE STUDIOS

Software Engineer | 1998 - 2000

Built web applications for high profile clients.

- Applications were developed with Java, Perl, Ruby, PHP and C.
- Designed and administered relational database systems.

EDUCATION

SOUTHERN OREGON UNIVERSITY

Bachelor of Science Computer Science | 1998

Graduated with Honors, Omicron Delta Kappa National Honor Society

UNITED STATES MARINE CORPS

1989 - 1993

SKILLS

Languages: Java, Groovy, Scala, C, Ruby, PHP, Perl, SQL, NoSQL, JavaScript, JSON, HTML, CSS, XML

Frameworks: Netflix OSS Stack, Spring, SpringMVC, Hibernate, J2EE, Rails, JUnit, Spock

AmazonWebServices: EC2, SNS, SQS, S3, IAM, CloudFormation, DataPipeline, EMR, DynamoDB

Concepts: OOD, TDD, SOA, MVC, ORM, Patterns, Refactoring, Concurrency, Testing

Software: Jetty, Apache, Resin, Mongrel, Tomcat, JBoss, MySQL, Oracle, Postgres

Systems: Linux, OSX, FreeBSD, Unix