
Eric Anderson

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SKILLS

Software development and consulting. Specializing in Python, Scala, SQL, Web services APIs, Postgres/PostGIS, Leaflet, and mapping applications.

EXPERIENCE

Managing director, First Circle Consulting, LLC

Spokane, WA, USA

November 2012-present

- Freelance consulting and custom software development.
- Focusing on web applications, data analytics, visualizations, and GIS software development.

Director of Engineering, Telesocial, Inc.

San Francisco, CA, USA

January 2011 - October 2012

- Developed the Telesocial telephony API and back-end system architecture. The API was written in Scala and supported REST-style interactions. Other technologies employed included Linux, PostgreSQL Apache Axis, and the Asterisk PBX.

Principal Developer, General Dynamics Information Technology

DuPont, WA, USA

August 2009 - September 2010

- Performed R&D on healthcare-related mobile applications. Responsible for all server development and for the overall SMS infrastructure.
- Technologies employed included Linux, Python, Java, PostgreSQL, SQLAlchemy, and the Google App Engine.

Managing director, First Circle Consulting, LLC

Spokane, WA, USA

June 2008 - July 2009

- Java EE consulting and custom software software development.

Principal Architect, Kadoink, Inc

San Francisco, CA, USA

May 2007 - May 2008

- Developed asynchronous messaging software for Kadoink's social networking platform.
- Technologies used included ActiveMQ, the Java Persistence API (JPA), Spring, Web Services (Axis) and PostgreSQL.

Managing director, First Circle Consulting, LLC

Spokane, WA, USA

Aug 2006 – April 2007

- Java EE consulting and custom software development. Clients included Kadoink, Inc, Alexander Interactive, and Data Mosaics, Inc.
- Participated in the development of the DonorsChoose.org v2 web application. Served as an expert witness in a Washington state hacking and intellectual property lawsuit.

Java EE Consultant, California State Department of Justice

Sacramento, CA, USA

September 2005 - July 2006

February 2005 - May 2005

- Java EE consulting and mentoring: consulted on the architecture and design of a JMS-based messaging router.
- Developed core messaging components and a Struts-based user interface application in a JBoss/Oracle environment.

Freelance software developer, Classmates Online, Inc

Renton, WA, USA

March 2004 - June 2004

- ATG Dynamo programming in Java; JSPs, dsp: taglib, droplets.

Platform Architect, VoiceLog, LLC

2001 - 2004

- Enhanced and extended VoiceLog's Java-based platforms. Designed and implemented Java services for telephony processing and reporting. Utilized servlets, EJBs, and the Oracle RDBMS.
- Re-architected the core VoiceLog platform using asynchronous messaging technologies.

Software Architect, Tenzing Communications, Inc

Seattle, WA, USA

2000 - 2001

- Researched, designed, and implemented an extension to Tenzing's air-to-ground email service to allow retrieval of messages from Microsoft Exchange servers. Gathered requirements, authored a technical white paper on the problem domain, and recommended solutions. Implemented the preferred solution as a Java-based web application for on-aircraft deployment.

Software Engineer, teamON, Inc

Issaquah, WA, USA

1999 - 2000

- Designed features and enhanced the core functionality of teamOn's web-based email and collaboration services.

EDUCATION

Rensselaer Polytechnic Institute, Troy, NY, USA.

Bachelor of Science, Computer Science

