

Seyed H. Ahmad

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Objective

Seeking a software engineer position as an developer or architect, designer with focus on web applications based on the distributed systems architecture in J2EE.

Summary:

Detailed, and task oriented software engineer with significant and progressive experience organizing projects to achieve results. Background includes software engineer, team lead, and build coordinator. Motivated, hands-on problem solver with strong web application development experience.

- J2EE – Java 2 Programmer for 1.4, EJB, Struts, Tiles, Validation Framework, JSP, Servlets, JavaScript, JDBC, IBM WebSphere Application Developer 5.1.2, RAD 6.
- PHP, DHTML, XHTML, XML, CSS, JSTL, Custom JSP Taglibs.
- UML, OOA, OOD, Rational Tools (RequisitePro, XDE for java, ClearQuest).
- DB2, MySQL, Oracle 9.x, Rational ClearCase, Linux, UNIX.
- C, C++, LISP, Prolog, PL/SQL, Windows 2000, XP, 98, MS Office, Visio, Ms Access.
- VHDL, VERILOG, Matlab, HSPICE, Awaves, MIPS Assembly Language.
- Macromedia Flash, DreamWeaver, Director, Fireworks.
- Adobe Photoshop, Acrobat, Premiere & Sonic Foundry Sound Forge.
- Fluent in English, Farsi and Swedish.

Professional Experience:

Catapult Technology, LTD.

Bethesda, MD

Nov 2005 to Present

Federal Aviation Administration (FAA)

Silver Spring, MD

J2EE Developer/Architect

- Develop a national system (Obstructive Repository System) for the FAA.
- Design a J2EE architecture using DTO, DAO and Factory design patterns.
- DBA functions included modification and maintenance of a relational Oracle 10g database for application requirements using TOAD.
- Code system modules in Java using Eclipse 3.1.
- Create and configure Hibernate (version 3.1) mapping files to access data in the DAO.
- Struts (version 1.2) configuration for actions, definitions, action forms, and menus.
- Design and develop application architecture to support high volume data retrieval.
- Use Rational ClearCase for stream and build management.
- Unit test, integration test and system test the project.

Accenture

Sacramento, CA

July 2004 – Nov 2005

California Child Support Automation System (CCSAS)

J2EE Developer / Build Coordinator

- Designed, and developed child support/welfare system for the state of California.
- Full life cycle development with OOA and OOD: Use cases, Use case diagrams, Use case realization diagrams, Activity diagrams, Sequence diagrams, Logical, Physical, and Object data model diagrams.
- Created Lo-Fi/Hi-Fi screen mockups and page flow diagrams from requirements gathering.
- Used Rational ClearCase, Rational ClearQuest, Rational XDE, and Various DB2 tools during design.
- Coded system modules in Java using RAD (WASD 6.0).
- Coded DAO using Hibernate BO's to access data.
- Struts Configuration for Actions, definitions, action forms, and menus. JUnit/DBUnit Tests, JSTL, Session Beans, DB2.
- Coordinated and controlled multiple streams involving delivering, rebasing.

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Page 2 of 2

- Smoke tested all streams and pushed new database builds and created, and recommended baselines.
- Verified that all developed code is compliant in different streams, and all environment settings are correct.
- Provided on-demand support for developers, which included recovery and/or fix of code.

MediaWorks
California AP Spanish System

Davis, CA

Sep 2003 – July 2004

Software/Graphics Developer

- Developed a dynamic Macromedia Flash web page for students taking AP Spanish in California using ActionScripts.
- Requirements gathering from clients locally and statewide.
- Incorporated XML documents into the Flash website.

ICON Microsystems

Fremont, CA

June 2003 – Aug. 2003

IT Computer Technician

- Provided support in the Technical Service Department for a computer solutions company.
- Configured systems, server and desktop support contracts, laptop and PC repair.

Web Site Development Experience Summary:

Santa Rosa Cartronics (SRCartronics.com) Santa Rosa, CA	2002 – Present
AirTech Communications (AirTechStore.com) Los Angeles, CA	2003 – 2004
California Integrated Pest Management Project (IPM.ucdavis.edu) Davis, CA	2001 – 2002
School and Legal Services (SCLSCal.org) Santa Rosa, CA	1998 – 2003

- Created, managed, and supported websites.

Education

UNIVERSITY OF CALIFORNIA, DAVIS Davis, CA
Double Major: B.S. - Computer Engineering and Electrical Engineering
Graduated June 2004
Engineering G.P.A.: 3.51/4.0

Engineering Honor Societies

TAU BETA PI
INSTITUTE OF ELECTRICAL AND ELECTRONICS ENGINEERING (IEEE)

Citizenship: US
Clearance: Public Trust

Reference: Available upon request