

Praveen Akkidas

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OBJECTIVE

To find a challenging position as a software developer within an interesting environment, where my talents can be applied and my expertise expanded.

EDUCATION

- 2008 **Southern Illinois University Edwardsville**, Illinois, US.
 Master of Science in Electrical and Computer Engineering
- 2006 **Andhra University**, India.
 Bachelors in Electronics and Communications Engineering

EXPERIENCE SUMMARY

- Experience in developing enterprise web applications, designing web frontends, Java backend systems and client-server technologies.
- Experience in Rich internet application design using **ActionScript, Adobe Flex/AIR, Adobe LiveCycleDS** and **BlazeDS**.
- Experience in **User-Interface design** and wireframing for web-based applications using **Flash Catalyst, Balsamiq, Adobe creative suite CS5**.
- Experience in configuring and integrating **Adobe LiveCycleDS** and **BlazeDS** for flex front end applications for various data services and for real time collaboration.
- Good working knowledge of **AMF** (Actionscript messaging format) protocol for client-server communication in Enterprise application models for fast data transfers.
- Experience in client side web development using **HTML, CSS and Java Script**.
- Hands on Experience using Swiz microarchitecture framework for Flex Applications and Spring for Java backends.
- Participation in all phases of Software Development Life Cycle (SDLC) including analysis, architecture, design, coding, testing and deployment with production maintainence.
- Experience in programming with **Java** and sound knowledge of associated concepts and technologies such as **Spring MVC, JSP, Servlets, XML, Web Services**.
- Familiar with Java world trends such as frameworks, libraries, design approaches.
- Good working experience with various operating system platforms including **Windows Server, Mac OS X Server, and AIX (Production Deployments)**.
- Good working experience in writing **SQL** queries.
- Strong experience in application build and configuration management activities using **Ant, Subversion and Maven**.
- Strong Knowledge on Software Models, Software Analysis, Design, Requirements and networks.
- Team player with good analytical and communication skills. Enthusiastic and highly motivated.
- Experience in working in a team environment.

SKILLS

Languages : Adobe Flex/AIR, Java/J2EE, MXML/Actionscript, HTML, Javascript, CSS.
Database Systems : Oracle, SQL Server, MySQL.
Tools : Flash Builder, Eclipse, MyEclipse, Springsource tool suite.
Application Servers : Apache Tomcat, Oracle Weblogic, Apache Http Server.
Java Programming : Servlets, JSP, JDBC, Struts, Spring, JSTL, Web Services, Log4J.
Systems : Windows, AIX, Mac OSX, FreeBSD.
Frameworks : Flex SDK, Adobe LivecycleDS, BlazeDS, PureMVC, Swiz.
Others : Maven, Ant, SVN, Git, Test Driven Development.

WORK EXPERIENCE

May 2010 – Present **AT&T**, Puerto Rico
Flex Developer

MyAccount is a web-based portal for Wireless and Wireline customers associated with the company in the island. The portal provides information and services for the users like bill summary details, account management, user profile management, exporting bill details as PDF, making payments etc. The system is dynamic, highly customizable and can easily accommodate any change to organizational administrative processes and datasources. The system is totally web-enabled, leveraging the advantages of the Internet and company intranet.

- Lead Flex Designer and Developer for the companies internal and customer websites.
- Designed and developed several **Flex UI Screens** and **Custom Components** using **MXML**.
- Developed **AS3 functions** for **event handling, response handling and error handling**.
- Designed the flex application using Swiz micro architecture.
- Used Adobe LiveCycleDS to connect **flex application** with backend **J2EE** and **Web Services** layer to pull out the data to **Flex UI components**.
- Used **AMF** protocol to transfer data back and forth between client and server modules.
- Developed custom components in actionscript by extending flex components and applied Skinning Effects and Transitions.
- Lead the effort of building a Rich User Interface using **Flex 4.5** and Adobe Flash Player 10 with **intuitive UI**.
- Middle layer for data access components in **Java, JSP and Servlet** classes.
- Integrated and configured Adobe LiveCycle Dataservices to provide data management services for flex application.
- Used **Remoting, Proxy services** and **Data management** services in Adobe **LiveCycle DS**.
- Moved all reusable components into swc libraries in **flex**.
- Worked extensive in doing mock up screens development using **Flash Catalyst** and **Fireworks**.

- Artwork was created using Adobe photoshop CS4 and Adobe Illustrator CS4 for backgrounds, buttons and styles.
- Used **Maven** to build the application and used **Subversion** for version control.
- Developed the application in **Flash Builder** and deployed it on **Tomcat** application server proxied through secured http web server.
- Worked closely with technical support team to resolve technical problems raised by help desk in an effective and timely manner.
- Solved many **Flex production issues** and performance bottlenecks.
- Documented Implementation and troubleshooting guides, user manuals and design documents.

Technologies: Adobe Flex SDK 4.5, Flash Builder, Eclipse 3.5, JAX-WS, JSP, Servlets, Adobe LiveCycleDS, HTML, Javascript, CSS, AIX Production server, Tomcat, BEA Weblogic 8.1, HTTP proxy server, MySQL, Oracle, DB2(AS400), Sql Server 2005, Subversion, Mac OSX, Flash player 10.

2011

JPMorgan Chase & Co, Houston, TX

Flex Developer

Architected and designed an administration console using Adobe Flex to manage user privileges for ClientAtlas internal sales application.

- Built inspiring proof-of-concepts, prototypes, for flex applications.
- Responsible for gathering requirements, design the application architecture, use cases, flowcharts, application flow, prototypes, proof concept as per the UML notation, created sequence diagrams.
- Involved in developing technical specification documents and **UML** diagrams.
- Involved in design, development of the application using **Flex, XML and Java**.
- Installation and configuration of **Adobe Flash builder** and required plugin development tools.
- Involved in developing User Interface using **MXML, ActionScript and CSS**.
- Involved in developing **Unit, System and Integration testing processes**.
- Used PureMVC Framework for Flex frontend architecture.
- Accessed third party web services using **Flex data services** using RPC calls.
- Developed advanced **graphing, charting and dashboard layout design** using **Flex**.
- Created Rich User Interface using **different controls** and **containers** available in **Flex**.
- Interaction with the existing **JSP** pages using HTTP Service of Flex Data services.

Technologies: Adobe Flex 4.5, Flash Builder, PureMVC Architecture, MXML, Action Script, J2EE, Maven, Tomcat.

2009 – 2010

Centennial Telecom, Puerto Rico

Flex Developer

Centennial's RLNP web application is used by most of the cable operators to submit

Local Number Portability requests (LNP). This application is redesigned to fit Centennial's new architecture and includes new functionalities. The RLNP is a role-based application, which provides Centennial Resellers to create requests, and view reports through web based flex front-end. It also provides functionalities like Administrative Management over user accounts and ability to change the request status.

- Designed and developed web applications using action script in Flex environment
- Worked with a small team to completely redesign the company portal and server-side modules
- Provided Flex and Actionscript development, consultation and Java programming.
- Experience working within development frameworks (MVC Architecture), XML data and web services
- Designed and developed **Flex based-user interface** for a sophisticated backend.
- Created advanced custom components adhering to the **Flex component lifecycle**.
- Responsible for implementation of best design patterns from cairngorm architecture to interact with backend **J2EE** and **Web Services layer** to pull out the data to **Flex UI components**.
- Designed several **Flex UI screens** with the help of **Flex Builder**.
- Web based UI Framework development using **HTML, JSP, CSS**.
- Involved in developing the skins and applying the styles using CSS.
- Participated in gathering the requirements for the screens developed for the Project.

Technologies: Flex Builder, Flex SDK 3.5, JDBC, Sql Server 2005, Windows XP, Subversion, Apache Tomcat 6, J2EE, BlazeDS, XML, HTML, JavaScript, CSS, Flash player 9.

2008 - 2009

Southern Illinois University Edwardsville, IL.

Research Assistant, Department of Mechanical Engineering

Research in Magnetic Refrigeration and published a paper titled 'Optimization of a Rotary- Type Magnetic Refrigerator' to [International Magnetics Conference 2009](#).

- Created a test bed using Ansys for the simulations of different magnetic forms.
- Documenting the results and writing technical papers.

Technologies : Autocad, Ansys, Windows, VMware.

2007 - 2008

SIUE IT Services, IL.

Graduate Assistant, Assistant Technical Manager

Provided technical support and instructions to faculty and students in software and infrastructure use, in School of Pharmacy.

- Provided technical support to pharmacy laptop program initiative.
- Maintaining video conferencing devices and lab equipment.

- Administering Blackboard video pages to upload and manage daily class presentations.

Technologies : Windows, Microsoft Office, Blackboard Administration.

2006

BSNL, India.
Engineering Intern

Siemens EWSD (Electronic Worldwide Switch Digital) offers a wide range of telephony features and supplementary services.

- Involved in maintaining the switching system.
- Registering the logs to a system that generates reports and monitor health of the infrastructure.

Technologies: EWSD Digital Electronic Switching System from Siemens AG, Germany.

REFERENCES

Available upon request.

