

KIRAN KUMAR VUYYURU

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Objective: To be part of a leading organization to learn, innovatively apply my experience and knowledge to its growth and earnestly build a stable and committed career.

Education:

University of Missouri-Kansas City, Kansas City, MO
Masters of Science in Computer Science, December 2012

GPA: 3.70

ANU University, A.P, India
Bachelor of Science in Information Technology, May 2011

GPA: 3.75

Professional Experience:

Cerner Corporation, Senior Software Engineer

Jan 2014 to Present

Cloud Based Transaction services:

1. Made a significant impact in our team, developing new core services, troubleshooting issues and ability to handle any new requirements.
2. Developing back-end services/libraries using Java spring framework, JAX-RS J2EE technology, Hibernate to support Web-services (both XML ,JSON).
3. Working on designing and developing real time online credit processing Services like Encrypted virtual terminal, tokenization and epayment services.
4. Working on migrating sql to nosql database. Designing and building a mongodb environment.
5. Worked on microservice architecture.
6. Identified and fixed security vulnerabilities like XSS attacks, SQL injections in various web services using ESAPI Libraries and HP Fortify Tool.
7. Working on development of internal service, used to track the transactions using Java, Spring, Hibernate, JQuery and Ajax.
8. Developed web services using IBM WebSphere integration developer.
9. Working with Maven Dependency Management.
10. Worked on SOA type of architecture.
11. Developed several core services from scratch with good design patterns.
12. WebSphere Application Server administration- Installation, Maintenance and Configuration.
13. Good hands-on experience with testing(white box testing using Junit tests)and releasing process with Jenkins.
14. Good experience with dynamically resolving Production issues, testing and releasing process. Solved complex problems including network delays to database, connection timeout's, multi-threading issues, jvm issues, ssl certificate issues, application issues etc.
15. Hands on experience with docker.

University of Missouri-Kansas City, Kansas City, MO

Graduate Teaching Assistant

August '2012-May'2013

- Assist students in CS100 –Computer survival CS440 Software Design with Mobile Devices and CS449 Foundations of Software Engineering course work
- Conduct exams and Grading project works ,Exams.

Graduate Research Assistant

November 2012-Dec'2013

- Worked for a Esave Project (Led by Dr.Vijay Kumar) sponsored by KCPL and Toyota
- Designing a 3d application to controls the objects in a 3d Environment with the mobile interface using a platform independent game engine
- Designing Javascript and C# to control objects ,C# to create web services and jquery to create mobile interface

Technical Proficiency:

Languages: C,C++,JAVA,C#,.NET
Scripting Languages: JAVASCRIPT, Linden Script
Softwares: Camtesia for video and audio editing, Unity 3D for Game Design,Microsoft office ,IBM Process server , BPM,
Technologies: HTML,JAVASCRIPT,XML,SOAP,WSDL
DataBases: SQL,ORACLE10g,IBM cloud server
WebServer: IIS 5.0&6.0,Apache
Operating System: Windows,Unix
Web Design: CSS,HTML,JAVASCRIPT,JQUERY
File Transfer Softwares: winSCP,Putty

Paper Presentations:

- Presented a paper , “Multimedia Clip Generation from documents for browsing on mobile phones.”
- Presented a paper on “WEBSERVICES IN TELECOMMUNICATIONS:A Business Model for Dynamic Composition of Telecommunication Web Services.”
- Presented a paper on “The Web Services Debate, supports the view of Joseph Williams, Master Architect, Sun Professional Services on the J2EE over .net technology.”

Awards:

- Awarded a “DICE Scholarship” from Jan'12 to July'13.
- Awarded a certificate of participation for IBM/IEEE Smarter Planet Challenge Student Competition Dec'12.
- Awarded best rookie of the year in my EDI transaction services team in Cerner.

Related Academic Projects:

- Designing the 3D-Interface for E-save project using the platform independent tool by utilizing the current technologies web services, HTML 5
- Designed and developed an Online banking system for reliable customer service and easy transactions
- Design an android app on Delivery tracking(tracking package on real time in Google maps, the service not implemented by any of the existing companies) which enhances the customer relationship between the customer and the package delivery company by utilizing the web service resources to update the real time information on cloud server
- Developed a Leaf pattern Recognition system, which classifies the plant leaf Using Probabilistic neural networks
- Developed a client server model for TCP-UDP performance analysis by varying the bandwidth, delay, time in EMULAB(simulator)
- Designed a Web Proxy server, which redirects the html web content through the customized proxy server