

Junaid Aziz

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CAREER OBJECTIVE

I am seeking a position in a competent and professional environment where I can not only apply my skills in a perfect way but also helps me in doing quality research and produce results.

SUMMARY

- Able to work well in team with strong communication, writing and problem solving skills
- 10+ years of experience with N-Tier applications and mobile application development
- Able to handle pressure and being productive at the same time
- Masters degree in Computer Science from McMaster University

TECHNICAL EXPERTISE

TECHNOLOGIES

- Languages: Java, C++, C#, PHP, Java Script, UML
- Frameworks: Struts, Spring MVC, Xamarin, Laravel
- Technologies: Web Services, Android Application Development, Enterprise Java Beans (EJB)
- SCM: CVS, SVN, Mercurial
- Servers: IIS, Tomcat, Web Sphere Application Server, Glassfish
- Databases: Oracle, My SQL, MS Sql Server, DB2

PROFESSIONAL EXPERIENCE:

University Of Lahore, Pakistan

Assistant Professor

August, 2013 – Present

Teach at undergraduate and graduate level in areas of software engineering, programming and database management systems. Supervise graduate students to complete their research projects mainly in web and mobile application development.

- Being active member of committees contribute to the decision making process related to different academic affairs of the department.
- Carry out research to achieve personal as well as departmental goals.

Citi Bank Canada Technology Services, Canada

Sr. Application Developer Programmer Analyst

May, 2012 – Apr, 2013

Worked closely with Business Managers of Platform Management Services for Finance Work Station project. Contributed to the components integration documents and implementation of different middleware and business objects.

- Assign tasks, oversee work of group of developers and provide timely feedback
- Contribute to the global releases of the Finance Work Station by developing components and enterprise services.
- Perform analysis on data transformation, identify abnormalities and write weekly reports to describe those problems and ways to address them.
- Adhere to strict deadlines and timely deliverables under Agile development approach

UAE University, United Arab Emirates

Instructor/Sr. J2EE Application Developer

Sep, 2004 – Aug, 2010

Taught at undergraduate level in areas of software engineering, programming and database management systems. Being creative using effective problem solving skills while under the direction from engineering leads and development managers.

- Delivered workshops and tutorials on new techniques related to software engineering and programming.
- Carried out research, produced publications and other research outputs in line with personal objectives agreed in the staff review process.
- Developed back end system of different location-based systems based on J2EE framework, using which hand held device users could search for the certain POIs (Point of Interests) such as businesses, service centers, hotels, restaurants, car parks etc. on the basis of GPS co-ordinates.
- Created story boards, prototypes and specifications which were used to design and develop web portal for the systems which helped the service providers in administrating their concerned point of interests.
- Designed and created databases using DB2 to store all the details of POIs along with the detail of service providers.
- Participated in the deployment of web portal and J2EE modules on Websphere Application Server and administrated them.

IBM Middle East, Dubai

J2EE Application Developer (Contractor)

Sep, 2006 – Sep, 2007

Worked with senior technical staff to design, implement and test to specifications created by project managers. Worked with QA engineers to identify and resolve software defects.

- Developed a back end system of vehicle-based electronic system based on J2EE framework to allow for vehicle tracking and positioning by using GPS, on-line vehicle navigation and information systems and emergency assistance.
- Performed all level of testing, including unit, integration, regression, system, and user acceptance testing to ensure that application will perform error free and according to business specifications when promoted to production.
- Created story boards to help designing the layout of web portal which was developed to manage the parameters for vehicle tracking and its online navigation information system.
- Designed and created database using DB2 to store online vehicle positioning and its navigation information.
- Participated in the deployment of web portal and J2EE modules on Websphere Application Server and administrate them.

DANCOM, Pakistan

Software Engineer

Jan, 2001 – August, 2004

Software analysis, design, implementation, unit test, integration and write technical documentation. Developed softwares for new product enhancement for the company which served as an extension of the off-site management.

- Participated in the continuous improvement of software development endeavours for the entire company.
- Designed and developed SMS Gateway in C++ which made a significant contribution to the IVR project in providing different mobile contents.
- Evaluated and recommended technologies including Java version, UI component framework, IDE and testing methodologies.
- Designed and developed an online Java Applet for nation management system to manage all pay card phones regardless of their location countrywide, check the current status of card phones and assign different tariffs on them.
- Participated in integration and regression testing of nation management system.
- Designed, created and maintained the centralized database of employee efficiency meter using ORACLE. System was developed for human resource department.
- Helped in on-site deployment of applications and creating user manuals for the prospect users of the systems.

EDUCATION

M.Sc. Computer Science

April, 2012

McMaster University, Canada

Thesis title: Workbench for modeling and optimization of diverse networks

GPA: 3.27 on 4.0 scale

MCS (Major in Computer Science)

April, 2001

Mohammad Ali Jinnah University, Pakistan

GPA: 3.49 on 4.0 scale

B.Sc. Science

August, 1998

University of the Punjab, Pakistan

PUBLICATIONS

- i) **J. Aziz** and V. Mahalec, "NOPT site: An online workbench for modeling and optimization of diverse networks," 2018 International Conference on Advancements in Computational Sciences (ICACS), Lahore, 2018, pp. 1-5.
- ii) J. Al-Jaroodi, N. Mohamed and **J. Aziz**, "Service Oriented Middleware: Trends and Challenges," 2010 Seventh International Conference on Information Technology: New Generations, Las Vegas, NV, 2010, pp. 974-979.
- iii) J. Al-Jaroodi, **J. Aziz** and N. Mohamed, "Middleware for RFID Systems: An Overview," 2009 33rd Annual IEEE International Computer Software and Applications Conference, Seattle, WA, 2009, pp. 154-159.
- iv) **J. Aziz**, F. Ahmed and M. S. Laghari, "Empirical Analysis of Team and Application Size on Software Maintenance and Support Activities," 2009 International Conference on Information Management and Engineering, Kuala Lumpur, 2009, pp. 47-51.

v) **Aziz, J.**; Ahmed, F.; Jaffar, A. & Campbell, P., The Correlation of Software Testing Efforts and Software Project Estimation: An Empirical Study, Proceedings of the 7th International Conference on Software Methodologies, Tools, and Techniques (SoMeT'2008), UAE, pp. 39-50.

AWARDS / RECOGNITION:

- My thesis at McMaster has been ranked among top ten most popular in Computer and System Architecture Commons which maintains published materials from different Universities.
- I was awarded prestigious Ontario Graduate Scholarship worth CAD15000/yr for AY2010-2011 from Ontario Government, Canada to acknowledge my significant academic as well as research performance.
- I was awarded a certificate of recognition by the UAE Ministry for successfully leading a group of Undergraduate students from UAE University to participate in UAE Educational IT Challenge 2006. The project was selected among top ten Best E Commerce Projects presented.
- I was awarded a certificate of recognition by the UAE University for my invaluable contribution to the successful participation of UAE University at Environment Conference and Exhibition 2005.