GRADUATE RESEARCH ASSISTANT

Professional Profile

To obtain a position in your company, where I can learn and employ the knowledge that I have derived from my Information systems degree, previous internship and Work Experience to contribute effectively for a better performance and business coordination. Have 3 years of professional experience in Software Development, actively involved in the application design, development, enhancement and maintenance activities covering all the phases of Software Development Life Cycle (SDLC). *Experience in Software Analysis, Design, Development, Implementation, Testing and Debugging of Object Oriented Applications Web based Enterprise Applications using Java/J2EE. *Expertise in designing and developing applications using core java, selenium including JSP, Servlets * Expertise in developing Web based Distributed and Front End applications in a three-tier architecture using Java, HTML, JavaScript, Ajax, CSS. *Extensive experience in design and development of J2EE applications using Core Java, Web Services and other open source frameworks like selenium and APIs. *Having good understanding and proficient in using XML Suite of technologies like XML, XML schemas *Expertise in programming with RDBMS like MySQL & concepts like writing SQL Queries, Functions, Stored Procedures, Query Optimization, views and Triggers. *Experience in deploying, configuring and administering application servers such as WebSphere, WebLogic and Apache Tomcat. *Extensive development experience on different IDE's like Eclipse, for debugging and using java coding standards. * Experience in using SAS studio, R studio *Involved in writing JUnit test cases. *Involved in both Waterfall based approach and Agile/SCRUM methodologies for development. *Experience of Object Oriented Analysis & Design and Test driven development. *Strong and solid understanding of Object oriented principles, Object Oriented Analysis and Design, Data Structures, Problem solving and Algorithm complexity analysis *Strong and conceptual understanding of document database, hashing, indexing, graph database.

Qualifications

- Programming Languages: Core Java, J2EE, SQL, C, C++
- Web: JSON, JSP, JavaScript, AJAX.
- Frameworks/tools: CSS Frameworks, SAS Enterprise guide (basics), J2SE, J2EE, JUnit, Selenium (Remote control, Web driver), R studio, Tableau, SAS enterprise minor
- App Servers/ Middleware: Apache Tomcat, JBoss
- IDE/GUI Tools: Eclipse, Net Beans, R GUI.
- Tools: Junit, Selenium, selenium web driver
- Operating System: Windows NT/2000/XP/7/8/10
- Database/Tools: JDBC, Oracle, SQL,
- OO Modeling: UML.
- Libraries and Tools: Selenium, Log4j.

Experience

January 2017
to
March 2017
University Of San Francisco Graduate Research assistant

- Research Paper Publication 1: "Automated testing framework for web application" at International conference on Computer science and Information technology CSIT, Ukraine, UK, November 2011.
- Research Paper Publication 2: "Automated testing framework for SCE (SIMULIA Centralized Environment)" cPGCON, University of Pune, April 2012.
- Best Intern Project Award 2012.
- Seminar on own research paper "Automated testing framework for web based application using selenium".
- Online Presentation on IEEE research paper "SMRTEYE -Integrated Solution to Home Automation, Security and Monitoring" in the presence of author Mr.
- Dinesh (from SriLanka).
- Online Presentation on IEEE research paper "The Development of the Short Messaging Service (SMS) Application for the School Usage" in the presence of author Salman Firdaus bin Haji Sidek Faculty of Information and Communication Technology University Pendidikan Sultan IdrisTg.
- Malim, Malaysia.
- International and National level own research paper publication in 2011 and 2012.
- Organized 'XPERIENCE' (2010-11) Industrial Experts Seminar Event at PICT, Pune.
- Participation in college activities like gathering, paper presentations & other events.

November 2012
to
January 2015
Perspecta JAVA application Developer

- The securities market represents a large and growing part of financial markets.
- GOS (Generic Operating Systems) application used in Barclays bank is a custodial project.
- Custody as an industry originated with investors needing to keep securities certificates in a safe place, usually a bank with large vaults.
- The custody industry evolved, in step with the growth of sophisticated financial markets, into a complex industry no longer characterized by physical safekeeping but by a range of information and banking services.
- GOS application works on trade processing and related risk analysis Developed new requirements proposed for GOS application.

- Involved in understanding functional specifications and developing creative solutions to meet business requirements.
- Extensively worked on core java concepts of Object Oriented Programming such as Collection framework, Multithreading, Exception Handling and Polymorphism.
- Built the responsive UI screens using HTML, CSS, JavaScript, JSP.
- Worked in Agile Development(JIRA) and maintained good level of communication in team going through all phases of SDLC lifecycle.
- Environment J2SE, CSS, Core Java, XML -- Employer: 3DPLM Software Client: Dessault Systems.

August 2011
to
May 2012
Dassault Systems Research IT Intern

- The 3DEXPERIENCE Company", is a French multinational software company that develops 3D design, 3D digital mock-up, and product lifecycle management software.
- 3DPLM software company work on product development, industrialization, maintenance, documentation, and market support for cutting-edge and innovative products like CATIA, ENOVIA, DELMIA, GEOVIA, SIMULIA, 3DVIA, SOLIDWORKS and ACIS.
- Responsibilities:.
- As an intern my focus was on SIMULIA that delivers realistic simulation applications, which enable users to explore real-world behavior of product, nature and life.
- It has SCE (SIMULIA centralized environment) in which regression and unit testing is done manually.
- The idea is to form a system which does this regression and unit testing automatically.
- Involved in communicating with the client and other team to understand the frequently changing requirements.
- Developed a framework using java, Junit and selenium web driver which automatically captures web activities performed by SCE application.
- Developed automated report generation using Log4j which will provide a log for framework and also captures failure screen's shot in the report.
- Involved in maintenance of SIMULIA product.
- Involved in various phases of life cycle of software development system including designing, developing, testing and deployment of the application.
- Lead the effort in understanding the new application and Knowledge transfer to the rest of the team members.
- Prepared Functional Specification document for projects Environment: HTML, CSS, Core Java, XML, Apache Tomcat, Junit.
- Paper # 1: Automated testing framework for web application Conference: International conference on Computer science and Information technology CSIT, Nov.2011 Details: This paper provides design proposal of automated framework for user interface testing using selenium web driver.
- Framework is designed for web application.
- Paper # 2: Automated testing framework for SCE Environment Conference: cPGCON, University of Pune, April 2012.
- Details: This paper is sequel of first paper having system model and designing details for the framework.

Education
December 2017
University of Memphis(UOM) City , State , USA Perusing Masters of Science : Information Systems Information Systems 4.00/4.00
doing certification in Business intelligence and Analytics
AUG 2012
Pune Institute of Computer Science and technology, University of Pune India Masters of Technology : Computer Science and engineering
Computer Science and engineering
May 2009
SRTM University State , India Bachelor of Engineering : Computer Science and Technology Computer Science and Technology
Skills
3D, 3D design, Agile, AJAX, Apache, Automation, banking, Business intelligence, C, C++, CATIA, CSS, Client, Database, designing, documentation, Eclipse, edge, XML, financial, focus, French, Functional, GUI, HTML, IDE, Information technology, J2EE, Java, JSP, Beans, JavaScript, JBoss, JDBC, JSON, Log4j, market, 2000, Windows NT, works, Middleware, Modeling, Enterprise, OO, Object Oriented Programming, Operating Systems, Operating System, Oracle, presentations, product development, Programming, proposal, Publication 1, Publication 2, publication, Research, risk analysis, SAS, SDLC, securities, Servers, simulation, Short Messaging Service, SMS, software development, SOLIDWORKS, Specification, SQL, Tableau, Tomcat, UML, user interface, author