

COMPUTER SCIENTIST

Profile

- Computer Scientist at Adobe Systems Inc. bringing 3 years of experience in superior design and debugging capabilities, innovative problem solving skills and dedication to quality.
- Manages large projects while maintaining high team morale and energy. Skilled mentor and mediator who excels at bringing out the best in team members.
- Experience working directly with high profile customers and drive new features through every stage of product life cycle.
- Software Engineer at Siemens Product Lifecycle Management (PLM) Inc. with primary focus on Software Development Life Cycle Process & Rapid Application Prototyping.
- Project Engineer at Wipro Technologies whose role stretches beyond that of a developer to that of a user advocate, designer, developer and tester.
- Supportive and enthusiastic team player dedicated to streamlining processes and efficiently resolving project issues.
- Excellent communication & Organization skills with experience in risk assessment and mitigation

Skills

- Programming: C++, Java, C#, HTML, Testing Tools: Jmeter. XML, Matlab, Objective-C. Agile Project Management: Version Platforms: iOS, Android, Windows, One. Unix, Linux. Bug Tracking Tools: JIRA, Watson Scripting Languages: Perl, Express. JavaScript, Basic PHP, Basic TCL, IDE: MS Visual Studio, Eclipse, Xcode, Basic Python. Flash Builder, Net Beans. Databases: Oracle, SQL, PL/SQL, Third Party Tools: Splunk, Charles MS-ACCESS Proxy, iExplorer, PhoneDisk, Ozzy Simulators: NS2, Wireshark, TINY-OS, Browser. GLOMOSIM. Version Control: Perforce, GIT. Application Server: Apache Tomcat, Design Tools: InDesign CS5.5, 6, 7 JBoss
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Project management

Accomplishments

- Sun Certified Java Programmer (SCJP) for securing a top score of 95% in the SCJP exam.
- Fundamentals of DB2 administrator", certified by IBM.
- White Belt & Green Belt Security Certification.
- Publications Technical Reports: Network Selection Algorithm for Satisfying Multiple User Constraints Under Uncertainty in a Heterogeneous Wireless Scenario, Masters Dissertation, University of Cincinnati.
- Technical Papers: "Handling Network Uncertainty in Heterogeneous Wireless Networks" at "IEEE Infocom 2011", IEEE Computer Society.
- Using Minimization of Maximal Regret for Interface Selection in a Heterogeneous Wireless Network" at 2nd IEEE International Workshop on Smart Communication Protocols and Algorithms.
- Activities Events Lead & an active volunteer of Vibha, an organization to educate and empower underprivileged children.
- A volunteer at Eastside Baby Corner that provides the basic necessities for every child's needs.
- Research Member of Education Development & Services (EDAS).

Professional Experience

Computer Scientist Sep 2012 to Current

Gap Solutions, Inc 1/4 Hamilton, MT

- Mastery in Digital Publishing suite and the various tools utilized to publish magazines for mobile devices on iOS and Android platforms.
- Collaborated with product and engineering team members to define and develop new product concepts.
- Created Splunk dashboards and monitoring tools for customers to track their overall performance.
- Developed software tools to improve efficiency in diagnosing and resolving customer-reported software defects.
- Debug and test mobile applications developed for iOS and Android devices.
- Liaison with key customers and publishers to understand problematic workflows and isolate potential defects.
- Designed and implemented enhancements to client and server-side solutions.
- Well versed with scrum methodologies and can effectively work in an Agile environment.
- Interacted with the many DPS engineering teams as well as other teams within Adobe such as Creative Cloud and Adobe Experience Manager (AEM), and also interacted with cross-discipline teams such as product marketing, technical support, sales, and customer enablement.

- Delivered software solutions consistent with the product roadmap and released plan milestones.
- Provided cross-service and debugging of complex software code defects that evade reproduction.
- Log reporting tools by leveraging mastery of a wide range of HTTP traffic.
- Coordinated continued performance assurance of software applications and automated performance test scripts.
- Proficient in detailed log analysis and researching the problems to fine detail.

Software Engineer Aug 2010 to Aug 2012

Alarm.Com 1/4 Boston, MA

- Experienced Application Developer for Teamcenter Rich Client and Web Client.
- Designed and developed prototypes and proof of concept for Teamcenter Thin Client using Javascript and Yahoo Toolkit.
- Implemented specific client side modules for Service Scheduling application using Java SWT components.
- Performed a thorough risk assessment and mitigation strategy for "Change Management Enhancements" by developing prototypes using Java and C++.
- Worked on coding phase of Content Management for Teamcenter application.
- Code development for Graphic Attribute Mapping and XML Attribute Mapping using C++.
- Worked on SAX parsing of XML content during document Compose.
- Created graphic user interfaces for Import/Export of documents and graphics using Java.
- Generated XML rendered stylesheets for client side components and implemented innovative UI customizations.
- Spearheaded the MultiFieldKey project in Maintenance, Repair & Overhaul (MRO) domain and executed the complete set of SDLC steps.
- Resolved critical problem reports and customer patches significant to Teamcenter 9.1 Release to Market.
- Analysed and documented Service Data and Operations for SOAs implemented in MRO.
- Actively involved in developing challenging modules to enhance Change Manager and Workflow application in Teamcenter.
- Conducted periodical meetings and demo sessions to brainstorm the technical aspects of the product and provide valuable input.
- Generated functional specifications, design documents and project test plans for various projects.
- Executed a full suite of system integration and regression testing for MRO applications.
- Instrumental in conducting the xUnit and Rich Client Automation Framework (RCAF) tests periodically.

Research Assistant Apr 2009 to Dec 2010

University Of Maine 1/4 Orono, ME

- Thesis titled "Network Selection Algorithm for Satisfying Multiple User Constraints Under Uncertainty in a Heterogeneous Wireless Scenario".
- Ad hoc & Sensor Networks - Simulated topology discovery, localization and MAC Access protocol in a random deployment of sensors using Java and Tiny-OS.
- Wireless and Mobile Systems - Designed and developed an application in Java to simulate the Automatic Repeat request (ARQ) techniques for flow control in a communication network.
- Developed code in Matlab for Fuzzy Rule based classification and a quantitative comparison of various membership functions based on experimental data.

Project Engineer Aug 2007 to Jul 2008

Apex Systems 1/4 Thousand Oaks

- Worked on code configuration and error handling team covering various segments of vehicle insurance for an overseas client using ASP/.Net.
- Created project documents and test plans & conducted J-Unit testing for 'Carfax' vehicle history reports.
- Underwent training in Service Oriented Architecture and Web Services.

Education and Training

Master of Science, Computer Science 2011 University of Cincinnati 1/4 City, State, United States GPA: 3.9/4.0 Computer Science GPA: 3.9/4.0

Bachelor of Science, Computer Science 2007 Anna University 1/4 City, State, India GPA: 3.9/4.0 Computer Science GPA: 3.9/4.0

Skills
ASP/.Net, Adobe, Ad, Agile, Apache, Automation, Basic, C++, Change Management, client and server, concept, content, Content Management, Client, Version Control, Databases, debugging, Eclipse, XML, Flash, functional, graphics, Graphic, HTML, HTTP, PHP, IDE, InDesign, insurance, Java, Beans, JavaScript, JBoss, Linux, MAC, Market, Matlab, meetings, MS-ACCESS, Access, C#, Windows, Network, Networks, Objective-C, OS, Oracle, Developer, PL/SQL, Perl, product marketing, coding, Programming, Project Management, Proxy, Python, Express, reporting, researching, risk assessment, sales, Scheduling, scrum, SDLC, scripts, Scripting, SQL, TCL, technical support, Tomcat, Unix, MS Visual Studio, Workflow