Pavan Bollu

Software Engineer - Siemens PLM Software

Charlotte, NC - Email me on Indeed: <u>indeed.com/r/Pavan-Bollu/a21974d5ca5cb191</u>

WORK EXPERIENCE

Software Engineer

Siemens PLM Software - May 2016 to Present

• Developed Micro Services for tracking customer's usage of Siemens Products using Serverless architecture
• Implemented Authentication feature for Metering Services application using OAuth Bearer token authentication
• Automated the creation, updation and deletion of infrastructure by implementing an executor to run Cloud formation
templates
• Developed Integration tests for the application and automated its deployment in EBS.
• Created Junit tests for Metering Services application using Mockito framework.
o Technologies: Java, Python, Amazon Web Services, Junit, CHEF

Software Applications Developer Intern

BlackBerry, Florida - August 2015 to December 2015

Developed an android app for BlackBerry PRIV to show Wi-Fi calling details when primary user connects to Wi-Fi
network for the first time using Broadcast Receiver.
• Developed Test Automation for Out of the Box Experience Device Configuration using uiautomator framework
and Over the Air Device Software updates using AndroidJunit4 test.
o Technologies/Tools: Java, Android SDK, uiautomatorviewer tool, Groovy, Shell Scripting, Android Studio

Software Developer

Reflexis Systems India Pvt Ltd, Pune - July 2013 to July 2014

Involved in the Design and Development of new Security Authorization Framework with capabilities of page level
access, validating domain specific http request parameters and secure application from SQL Injection, malicious
patterns
• Developed an end to end functionality in web application that processes employee records uploaded through
file and shows the summary of records processed and creates a log file
• Developed an end to end functionality in web application that shows report on status of all the batch jobs
• Added logging feature using Log4j Framework to the Reflexis Time and Attendance application
• Fixed bugs and optimized queries in the Reflexis Work Force Scheduler application
o Technologies: Java, JSP, Servlets, RESTful Web Service, Ajax, Java Beans, JDBC, HTML, CSS, JavaScript,
MySQL

EDUCATION

Bachelor of Engineering in Electronics and Instrumentation

Birla Institute of Technology and Science (BITS) Pilani University
May 2013

The University of Texas at Dallas   -   Dallas, TX
March 1977

SKILLS

Ajax (1 year), CSS (1 year), Java (2 years), Python (1 year), Web Services (1 year)

ADDITIONAL INFORMATION

Technical Skills
• Programming Languages C, C++, Java, Scala, Python, SQL
• Technologies JSP, Servlets, Swing, JavaScript, Ajax, JDBC, HTML, CSS, JQuery,
Angular Js, XML, JSON, RESTful Web Services, AWS
• Databases Oracle, My SQL, MS SQL
• Web/App servers Apache Tomcat
• Tool Experience Eclipse, Aqua Studio, Android Studio
• Platforms Windows, Mac, Linux
• Versioning Tools Tortoise SVN, Git