TUHIN SUBHRA PANDA

SOFTWARE ENGINEER

# SUMMARY

* Has 3.5 years of software engineering experience spanning several domains such as multimedia , Networking involving application development and test tool automation.
* **Core Responsibilities**: Serve as a Working software developer, and interface with the Management Team to ensure problem resolution and customer satisfaction for different delivery. Develop detailed Project Work Plans, Technical steps to get the goal.

# TECHNICAL SKILLS

* **Programming Languages**: C, C++,python
* **Frameworks/ Platforms**: UTF(Unit test framework)
* **Database Management Systems**: MySQL
* **Operating Systems**: Linux
* **IDEs**: CodeBlocks
* **Tools**: Squishcoco,Windriver, gcov, lcov
* **Foreign Languages**: English
* **Others**: Crystal Reports, Documentation

# PROFESSIONAL EXPERIENCE

## COSM(Customized Open Source Manager )

**developer,**

**Jan 2016 – Till Date:**

* **Description**: COSM framework is designed to interact with OpenFlow/SDN and GNS3 components and automate the functionality of the them.It aims to provide seamless complete automation solution,that allows user to script-lessly automate tests on a topology involving any combination of OpenFlow/SDN , GNS3 and selenium elements, and makes it easy to debug the scripts.
* **Responsibilities**:
  + Worked in writing the source code for Product key verification from

the server while installation.

* + Implemented 5 level Logging mechanism which enable an user to set the debug level log before running the scripts.
  + Contributed in preparing design documentation and coding of the

modules.

* + Fixed several bugs on Basic, that were reported by my team.
* **Accomplishments**:
  + Developed and delivered the product within expected time & quality and fulfilled the needs of customer within the defined scope of work.
* **Technologies**: C, shell script, python

## **CODE COVERAGE ANALYSIS OF COMPLETE CODEBASE USING**

**SQUISHCOCO TOOL AND GCOV & LCOV**

**Delevoper/Tester,**

**April 2015 – Dec 2015:**

* **Description:** The goal of the project is to find out the Coverage of shoretel code base by running the complete test suite.Code coverage is a measure used to describe the degree to which the source code of a program is tested by a particular test suite.

* **Responsibilities**:
  + Was involved in analysis of the Squishcoco tool.
  + Exported the Squishcoco tool with the windriver cross compiler.
  + Contributed in preparing design documentation ,coding of the modules.
* **Accomplishments**:
  + Provided a high quality product that meets the Client Measurement criteria
* **Technologies:** C,C++, shell script, Squishcoco,Wind River , Perforce

# PRIOR WORKING EXPERIENCE

## HCL Technology

**Trinetra\_141H\_project**

**developer**

* **Description:** The main purpose of this project is to add extra features to the camera,which involves development of View and Widget in it. View and Widgetdevelopment is based on an architectur which is know as MVC architecture.
* **Responsibilities**:
  + Was involved in both view and widget development of the camera
  + Involved in exporting new widget in existing view.
  + Contributed in preparing Design documents, Coding of the project
* **Accomplishments**:
  + Provide high qyuality product that meets the client criteria.
* **Technologies:** C++,PUTTY, EPSEED CONDUCTOR

# EDUCATION

* B Tech. in Computer Science and Engineering, E.A.ST(BPUT, Orissa) with C.G.P.A 7.2