**Nallam Santhoshi Satya Praveena**

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*A highly organized and hard-working individual with an experience of nearly 3 years in HMI Development; targeting*

*assignments in Application Development Location Preference: South India*

# Profile Summary

**Core Competencies**

**Applications Development**

**Application Maintenance & Testing**

**Requirement Gathering**

**Designing, Deployment & Migration**

**Coding/Debugging Root Cause Analysis**

**Client Relationship Management Process Optimization**

**Cross Functional Coordination**

* A hard working professional offering experience in system analysis, application design, development, and maintenance in HMIC (C, C++ in HMIC Development) by using cutting-edge technologies and testing method**s**
* Understanding of **Application Development Lifecycle** right from requirement analysis, documentation (functional specifications, technical design), coding and testing (preparation of test cases along with implementation) to maintenance of proposed applications
* Updated knowledge by studying programming techniques, and computing equipment; participating in educational opportunities
* Knowledge about SCM (Version Control System) like GIT, Bitbucket (GIT)
* Successfully designed applications by writing C++ code for components of Qt development in Qt Creator Tool

# Organizational Experience

## Since Dec’11: People Tech Group as HMI Developer

**Responsibilities :**

* Coordinating with team members for system design, integration and application maintenance; performing minor enhancements in working applications using Qt framework (C++ Language)
* Conducting system study and coordinating with team members for product documentation, system design & integration & coding and application maintenance
* Ensuring that business requirements and functional specifications for the module are tested and fulfilled before the code is delivered for integration
* Defining technical architecture considering real time constraints, functional requirement & non-functional requirements and subsequently realizing it into software; ensuring reliability & quality of software
* Conducting reviews of codes and test cases; analysis change requests and enhancements; providing post- implementation, application maintenance and enhancement support to the client with regard to the software application
* Analyzing all applications, recommending necessary upgrades & patches and troubleshooting on all issues
* Monitoring all performance metrics for various production systems and identifying root cause for all technical issues and recommending solutions
* Supporting production deployments of developed solutions
* Interacting with team members to ensure smooth progress of project work; ensuring adherence to quality norms throughout the implementation process
* Preparing critical dashboards based on customer needs and providing updates on daily basis
* Managing timelines and resources (internal and external) within the software development lifecycle; ensuring technical integrity of project deliverables
* Developing and delivering presentations on technical proposals to clients

## Major Projects:

**Project: HMI Development for VCU Industry: Automotive**

**Client: General Motors**

**Team Size: 9**

**Duration: Since Dec ‘11**

**Description :**

The application was based on requirement of client; created UI Screens using Android Studio in XML language. In an automobile we had CSM (Center Stack Module) or ICS(Integrated Center Stack) that provide a combination of entertainment and information for an enhanced in-vehicle experience. these UI of Screens are Developed Through using Android Layouts

**Title**: **HMI UI Development for RTOS**

**Client: General Motors**

**Industry: Automotive Duration: Aug’20 -tilldate IDE/Language: Qt/C++.**

**Tools: Rhapsody**

**Team-Size: 13 Description :**

The application was based on requirement of client; created UI Screens using Android Studio in XML language. In an automobile we had CSM (Center Stack Module) or ICS(Integrated Center Stack) that provide a combination of entertainment and information for an enhanced in-vehicle experience. these UI of Screens are Developed Through using Android Layouts

**Project: AOSP**

**Industry: Automotive**

**Client: General Motors**

**Team Size: 15**

**IDE/Language: Android Studio/core java. Period: Dec’11 – Jul’18**

## Description:

The application was based on requirement of client; created UI Screens using Android Studio in XML language. In an automobile we had CSM (Center Stack Module) or ICS(Integrated Center Stack) that provide a combination of entertainment and information for an enhanced in-vehicle experience. these UI of Screens are Developed Through using Android Layouts

**Project: Machine Learning Development Industry: Automotive**

**Client: General Motors**

**Team Size: 10**

**Period: Jul’18 – Aug’19**

## Description:

This application was based on Algorithms ( Like supervised,unsupervised,linear , Logistic, ) using machine learning that provides real time data to users .

# IT Skills

* Programming in C++
* Programming in C
* Programming in java
* Data Structure
* Android Xmls(Linear,Relative layouts)
* Intermediate Knowledge in QT Framework and Ui Components
* GIT(VCS)
* Bitbucket (VCS)
* Source Tree
* Qt Creator
* IBM Rational Rhapsody
* Jira
* Machine Learning

# Education

* 2019: B.Tech. from BVCITS, JNTUK with 78%
* 2015: 12th from Sri Chaitanya with 96%
* 2013: 10th from ZPP High School with 88%

# Personal Details

**Date of Birth:** 31st Aug 1997

**Languages Known:** English, Telugu