PRIYA AICH

CONTACT

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CORE QUALIFICATIONS

- Top Skills
- C++
- Software Development
- Python (Programming Language)
- Git version control
- QT
- Virtual Box

CERTIFICATIONS

- the python bible | everything you to program in python embedded system course

ACCOMPLISHMENTS

- Department Topper during Engineering.

LANGUAGES

English: First Language

Bengali: C2
Proficient

Korean: B2
Upper Intermediate

Hindi: C2
Proficient

Nagamese: C2
Proficient

Assamese: C2
Proficient

- Having 5+ Years of experience as a software developer , Basically working as a middleware developer for the past 3.5 years. Having Experience in building GUI applications for Defense and Automotive Projects.
- Experience in building GUI applications for Defense and Automotive Projects
- As a C++ professional armed with designing, creating, testing and troubleshooting code via latest technologies and ensuring optimal quality. Adept at building new modules, extensions and applications while suggesting tweaks in the existing programs as a part of ensuring zero defects and facilitating efficiency. Proficient in collaborating with technical teams to deliver solutions for optimizing processes and boost code quality.

EXPERIENCE

January 2018 - Current
Sr software consultant engineer *Capsure financial services Pvt Ltd*, Bengaluru, India

- Intelligent software upgrade features for automotive in infotainment system.
- Here in the infotainment system, there are two types of updates available for the updates of features in the infotainment system.
- One is offline update i.e. USB updates ,where the package is downloaded in the infotainment system using the BT and WIFI ,from where it is installed from the server. Here two times decryption is done for security purposes while downloading the package and installing the package.AES256-CBCfor encryption and RSA signature for verification.
- Second is online updates, where the updates are done by downloading the package from the main server with the help of the Application installed in the phone. It notifies whenever there is a new update is available for the newer version. Here also two times the decryption is done using the same method as USB updates. For transferring the package from the application to the infotainment system both WIFI and BT is required.
- During update of the infotainment system in the car, for both online and offline update , the rest of the features of the car will be disabled ,except for RVC(Rear view camera).
- Skills used:- C++,Multithreading ,Linux, Visual studio19,JIRA,Confluence,Jenkins,Cananalyzer.Virtual BOX.
- Roles and Responsibilities: Worked as a senior developer along with my Associate teammates on the upgradation features of the infotainment system .
- Duration : Jan 2018 to Present

February 2016 - December 2017
GUI Associate Developer *Capsure Marketing Services PVT Ltd*, Bengaluru, India

- Desktop GUI application for a Mail application using RF signal for data transfer. Since in the Defense they cannot use internet as it is not secure and their protocols. For communication a radio frequency at 9.6kpbs is used.

- It is tried and tested in whole India End.-
- Firstly, Compose Message(Application Interface).
- Encryption(128 bit encryption),Compression:LZMA,7z , Decryption(Password),Read message, Image receiving and sending, Chat option(live chat trial), GPS location is send through RF signal, Open Street Map.
- Skills used:- QT,C,C++,Multithreading, VC++,MFC, Linux, Windows 2003 server,Win32,WinDBG,C-unit testing, Redmine, Gitlab, Git, Cmake, qmake.
- Roles and Responsibilities : started as trainee developer and worked independently on live trial chat option in the project and helped in the services of the project various features.
- Duration : 1 year 11 Months

June 2012 - May 2015
Operations Manager *MAHANADI ADVISORY SERVICES LIMITED*, Bengaluru, India
- Managed operational activities for a start -up Financial Services Advisory.
- Working for different campaigns like maturity, stale cheque, discontinuous data.
- Preparing MIS for all the branches.
- Keeping a track on daily log in and maturity.
- Keeping a track of number of empaneled advisors and their performance, updating the same to the higher authority.
- End to End Renewal Process Management.
- Documentation Control and Management.

EDUCATION

April 2012
Bachelor of Engineering - BE electrronics & Instrumentation
Sathyabama Institute of Science & Technology, Chennai, TN
Academic topper. Secured highest marks in Micro controller subject

2008
Higher Secondary Education Science
Pranab vidyapith higher secondary School, Dimapur, NL

2006
High School Science
Holy Cross school, Dimapur, NL