ROSHAN HALWAI

E-mail: roshan.halwai@gmail.com   Mobile# 91-888 345 8718

IT Experience
Software Development Engineer with around 2 years of experience in Windows Application development and enhancement. Proven expertise in debugging, finding root cause of the issue and providing optimal solutions for the same. • 2 + Years of Experience in Software Development • Experience with entire Software Development Life Cycle (SDLC) • Having good knowledge and worked on Agile methodology • Proficient in developing Window Services and Web Services • Knowledge on Automation tools and developed the same • Developed an end-to-end Android Application on my own during non-business hours • Test-to-break attitude, Quick-grasping and Self-learning professional with value- added attitudes • Capable of quick learning to adapt to the latest technology development • Having understood about the test processes which are currently being followed by the organization • Highly competent professional with self-driven and motivational qualities • Ability to work independently and as a team member • Skilled in understanding Software Requirement Specification and identifying the requirements of the Client • Being involved in attending calls with stakeholders • Involved in participation of regular weekly project status meetings to discuss the risks involved in ongoing projects with Teammates and Team Lead

Technical Skills		
Operating Systems	:	Windows XP/Win 7/Win 8
Skill Set	:	DataStructures, Algorithms, C, C++, Core JAVA and Android
Scripting	:	VB Script
Version Control Tools	:	Git hub, IBM Rational Clearcase, SVN tortoise
Database	:	Google Firebase, Microsoft SQL
Domain	:	Digital

Work Experience

• Working with Tata Consultancy Services, Chennai from May 2015 to till date.

Educational Qualifications

• B.Tech Information Technology from M. Kumarasamy College of Engineering with 86.4% under the batch (2011 – 2015)

Achievements and Certifications
▪ Obtained the Best Performer of the Project from the Client (LBG) for the outstanding contribution during the course of the project – BIT Mirgration
▪ Received Appreciation Certificate from current supervisior for doing the great job in project – GTTC Driver Development
▪ Receieved Apperciation Award during Initial Learning Program (ILP) for showing enthusiasm and dedication in the training
▪ During college, received Best Outgoing Student of the Year for department of IT

Profile of Projects

1) Duration: Jan'2017to Mar'2017

Title	GTTC Driver Development
Client	General Electric, USA
Role	Software Developer
Organization	TCS,Chennai
Tools	Visual Studio, Ruby, Oracle VM Virtual Box, iTNC 530 Simulator
Environment	C# and .NET Framework
Project Description	The CNC Machines which were operating across different regions generated data continuosly. These data had to be recorded and analyzed to get the status of the machines. Hence, we developed an adapter that followed MTConnect Standards. This adapter established communication with the CNC machine remotely using IP Address and was able to retrieve data from the machine continuously. These data were then sent to Mini-Field Agent (MFA) which then store them to Predix Cloud.
Responsibilities	• Understood the requirements from the Client and Onshore lead • Prepared the design for the Adapter • Analyzed which Programming Language (C++/C#) will be suitable for the development of this Service • Developed the Window Service right from scratch and ensured the service ran 24/7 without any manual intervention • Made sure the service generated logs so that in case of issues, tracking can be done easily. • Prepared test data to execute test cases on the service. • Tested the Service by fetching data from more than 5 CNC Machines parallely. • Involved in defect reporting and weekly status reporting. • Conducted both Manual Testing and Automated Testing • Involved in Functional and Regression Testing of the Application

2) Duration : Oct'2016 to Dec'2016

Title	SRV Web Service
Client	Lloyds Banking Group, UK
Role	Software Developer
Organization	TCS, Chennai
Tools	Eclipse, TOAD for Oracle
Environment	Hibernate Framework
Project Description	Service Recording and Viewing (SRV), this application recorded the loan applied by each customer and the service provided by the bank for these customers in terms of Compound Interest rates, Principal etc. Boyce Codd Application another Commercial application required these data for processing customer information hence we developed a Web Application which allowed Boyce Codd application to interact with SRV Application and fetch the required informations.
Responsibilities	• Studied S.R.S to understand requirements. • Analyzed and understood the internal working of web applications • Created mappings for objects with the tables in database • Made sure the request and response protocol standards were properly maintained • Continuosly was in touch with Lead's and Client for better understanding of requirements and environment where the application would be deployed • Extensively performed Manual Testing and Automation testing process to ensure the quality

3) Duration : Aug' 2015 to Sep'2016

Title	Branch IT Migration
Client	Lloyds Banking Group, UK
Role	Software Developer
Organization	TCS, Chennai
Tools	Visual Studio
Technology	C, C++, Visual C++
Project Description	Branch IT consisted of around 23 applications, all these applications were written using 16-BIT code. Later, in 2015 Microsoft declared 16-BIT code as deprecated and hence all these applications had to be converted from 16-BIT to 32-BIT code. Also, had to ensure after the migration the applications functionality remain intact.
Responsibilities	• Migrated around 30 Modules from 16-Bit to 32-Bit • Ensured the UI and the functionality of modules are not compromised • Debugged the code and found root cause of the severe issues • Gained strong grip of Windows Applications, Multi-Threading and Servicing • Involved in preparing bug report and interaction with testing team • Participated in Bug Review Meetings