PERSONAL INFORMATION

Surname, First name:	Shanmugam, Sanjeev Anand
Address:	C/O Kuppural Mani, Neher Strasse 1, Muenchen -81675
Mobile:	0049 15166494655
Email:	sanjeev.sanjshan@gmail.com
Date of birth:	19 Apr 1989
Marital Status:	Single

EDUCATION AND TRAINING

July 2006 – May 2010

Bachelor of Engineering

Hindustan College of Engineering, Anna University , Chennai (India).

Computer Science and Engineering.

WORK EXPERIENCE

Sep 2014 – Present

Senior Test Engineer – Lawful Interception – mVoLTE -IMS- Wipro Technologies

Client : Telefonica O2, Munich (Germany)

Responsibilities

- **Acceptance/Regression Testing – LIMS** Test case Designing, Implementation , execution and evaluation.
- **Acceptance/Regression Testing – IMS** Test case execution and evaluation

Nov 2010 – Aug 2014

Project Test Engineer – Packet Core - SGSN - Wipro Technologies

Client : NSN, Finland

Responsibilities:

- **Feature Tester –** Test case Designing, Implementation , execution and evaluation **. Features -** PSHO, EPS Bearer Mapping, IMS APN, Interception Timestamp, Dual Stack S4, Dual Stack Gn , MM States , SGW Selection
- **AT&T Pronto testing**
- **Regression Testing**
- **Trained freshers at NSN , Athens on SGSN/TTCN3/ROBOT framework**

TOOLS

- Challenger(FTP tool), HIT(testing tool),TTCN3 Framework(Testing environment),EMIL(Monitoring and analysing logs), Wireshark Analyser, DMXSEE GUI(image building tool),Eclipse(coding),Robot Framework(Automation), WIRESHARK

(Message analyser) ,UTIMACO

TECHNICAL SKILLS TESTING- TTCN3 , ROBOT Framework , SYBORG Interception center

DOMAIN KNOWLEDGE GPRS (2.5G), UMTS (3G), LTE Inter-working(4G), Lawful Interception on CIRCUIT-CORE, PACKET CORE , SBC(IMS) , VMS , LSDP , DSL

AWARDS

- Received Feather in my cap award for excellent contribution in NSN Project.
- Received "Best Rookie of the year – Make your Own " award
- Awarded with Maverick award(GMT EXCELLENCE AWARDS : Q1-2012-13)
- Received "Shining star of the month" award – April 2013

LANGUAGES English (Business Fluent), Tamil(Mother tongue) , German(Learning – Course A1)

CORE COMPETENCES

- 5 years of IT Experience, testing Experience in TTCN3 and Telecom Domain
- Worked as a Senior Test Engineer at Wipro Technologies, Hyderabad from 15th November, 2010 to 22-Jan, 2015 (Worked from Bangalore for same project in Hyderabad)
- Working as a Senior Test Engineer at Wipro Technologies at a client's location(One of the leading telecom operator , Munich) from Jan 23,2015 till date
- Involved in Manual and Automation testing - Packet core and Evolved Packet core Testing - Verification and validation of SGSN functionalities (3GPP Rel 8 Features). ..
- Good Knowledge on SGSN and its interactions with all interfaces(Gb, Iu,Gn/Gp, Gr, S3, S4, S16, S6d)
- Good Knowledge on RANAP, TCAP, GTPV1, GTPV2, BSSGP etc. protocols
- Working Experience with RNC, HLR, SGSN, BSC, GGSN, SGW, PGW, MME, HSS components.
- Working experience in Automation testing, Functional testing, Sanity testing, Regression testing and AT & T testing
- Good understanding of 3GPP Specifications.
- Working experience in Agile process
- Working experience in TTCN3, Automating Robot Framework
- Having excellent debugging and troubleshooting skills.
- Good ability in prioritizing, organizing and handling multiple tasks.
- Trained few new team members in Team on TTCN3 automation
- Involved in Lawful interception – Regression, acceptance and functional testing
- Involved in IMS testing – Regression, acceptance and functional testing

Operating System	Windows, Linux
PERSONAL INTERESTS	Playing Cricket, Dancing