

**Key Expertise:**

WLAN Protocols 802.11, LTE, 5G NR, Verification and Validation, Python, Wireshark, Log Analysis.

**Experience Summary**

- Working as an Engineer in Larsen & Toubro Technology Services, Bangalore from January 2021.
- Worked at Yoptima Media Solutions as Campaign Analyst with total experience of 6 months.
- Interned at Larsen & Toubro Technology Services.
- Worked at thrustMIt student project, Manipal with total experience of 2 years.
- Interned at ABB Bangalore as Testing ET with total experience of 1 month
- Interned at Nippon Instruments as Testing ET with total Experience of 1 month
- Undergone WLAN Training.

**Work Summary**

- Worked at LTTS Bangalore as Intern: Wi-Fi Testing.
- Experience in Client Communication and Status Reporting.
- Excellent Communication, interpersonal skills and team player.
- Worked in high pressure conditions.
- Passionate about learning new skills and a quick learner.
- Attended Genesis Programme conducted by LTTS and cleared the assessment.
- Attended WLAN training and successfully cleared the assessment.

**Certificates**

- Python Basics Certificate from HackerRank.
- Gold Level in Python (HackerRank).
- Bronze Level in Problem Solving (HackerRank)

**Educational Qualification**

B. Tech	Instrumentation and Control Engineering from MIT Manipal, Completed in 2020	77.6%
12 <sup>th</sup>	PCM from L.A.S.E.A in 2016	80.33%
10 <sup>th</sup>	P.E.M.H.S in 2014	95.04%

### Skills

Domain	Wi-Fi, 4G, 5G (Basics) Testing , Python Programming
Tools	GIT, <b>Wireshark</b> , Cisco Packet Tracer, Excel(Advanced), Visual Studio Code.

### Project Details

#### Project 1:

Project Name	<b>Wi-Fi Testing</b>	Duration	<b>Dec ,2020 - Till Date</b>
		Team Size	<b>1</b>
Description	Testing of Wi-Fi Protocols		
Role & Contribution	<p>Contribution:</p> <ul style="list-style-type: none"> <li>➤ Developed Prototype which included WLC, Router, Switch, Server, AP etc. using Cisco Packet Tracer.</li> <li>➤ Responsible for writing complete test cases.</li> <li>➤ Configured AP and Multiple Client devices.</li> <li>➤ Responsible for Testing of Login &amp; Registration, Authentication, Association, Encryption, Security, Signal using Wireshark.</li> <li>➤ Responsible for documentation of Testing Process.</li> <li>➤ Understood Wireless Standards.</li> <li>➤ Complete Log analysis of <b>PCAP file</b> using <b>Wireshark</b>.</li> </ul>		
Technologies	Git, 802.11ac & 802.11n technology and 802.11 legacy technologies.		
Tools	Git, Wireshark, Cisco Packet Tracer.		

### Project 2:

Project Name	<b>Genesis</b>	Duration	<b>3 Months</b>
		Team Size	-
Description	Genesis Program		
Role & Contribution	Role : Trainee  Responsibilities: <ul style="list-style-type: none"> <li>➤ Understanding the basic concept of OS, Java, C, C++, Android development, Web Development &amp; SDLC</li> <li>➤ Responsible for developing Calculator, Unit and Roman Converter Application.</li> </ul>		
Technologies	Android, GIT, Python, Java, Linux, SDLC		
Tools	ADB, Android Studio.		

### Project 3:

Project Name	<b>Design &amp; Development of Sounding Rocket</b>	Duration	<b>Sept 2016 - Feb, 2018</b>
		Team Size	<b>15+</b>
Description	This project aimed at Design & development of Sounding rocket aimed at deploying 4-Kg payload at an altitude of 10,000 feet in ESRA Competition.		
Role & Contribution	Contribution: <ul style="list-style-type: none"> <li>➤ Responsible for design and development of Pitot Tube which was used to deploy parachute at apogee.</li> <li>➤ Responsible for developing ignition system.</li> <li>➤ Worked in Avionics Dept. focused primarily on Sensing, Electronics and Sensor fusion role.</li> <li>➤ Worked along with mechanical team for Continuous Testing and Continuous Integration of various functionalities.</li> </ul>		

Technologies	C and C++
Tools	Arduino Uno and Nano

#### **Project 4:**

Project Name	<b>Summer Internship at IIT-KGP</b>	Duration	<b>2 Months</b>
		Team Size	<b>2</b>
Description	1. Implemented an Research paper based on Partial Relaxation Approach - An eigen value based Direction of Arrival Estimator Framework 2. Worked on Multiple Signal Classifier (MUSIC) Algorithm for fault detection in Squirrel Cage Induction Motor (SCIM)		
Role & Contribution	Contribution: <ul style="list-style-type: none"> <li>➤ Understanding of ways to read Research Paper</li> <li>➤ Understanding of various mathematical concepts like SVD etc.</li> <li>➤ Responsible for writing code using Matlab</li> <li>➤ Responsible for designing filter for data processing.</li> </ul>		
Tools	Matlab		