

## SWATI

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### CAREER OBJECTIVE:

To pursue a challenging career and be a part of progressive organization that gives a scope to enhance my knowledge & utilizing my skills towards the growth of the organization.

### PROFESSIONAL SKILLS:

- Extensive knowledge and experience on advanced equipment's like Signal Generator, RF Amplifier, Pulse/Function Generator, SMU, Multimeter, Power Supply, DMM, MSO, Logic Analyzer, ATE (Automatic test Equipment) for PCBs and mobile processors, Analog Test station Equipment
- PCB Testing
- Oscilloscope operating
- SAP as per industry limits
- RF testing
- VNA Network Analyzer operating.
- Handling instruments using LabVIEW, Python and NI Test Stand.
- Device file creation in TEL prober.

### WORK EXPERIENCE:

- 3+ years of qualitative experience.

Designation	Organization	Duration
GAPP Trainee	Bharath Electronics Limited Bangalore	Feb 2020 - May 2021
Testing Engineer	Times Microwave Systems Bangalore	June 2021 - July 2022
Post Silicon Validation Engineer 1	Tessolve Semiconductor PVT.LTD Bangalore	August 2022 - July 2023
Testing Engineer	Micron PVT. LTD Hyderabad	August 2023 - Present

## COMPANY AND PROJECT DETAILS:

- **Company 1: Bharath Electronics Limited Bangalore (Feb 2020 - May 2021)**
  - Project 1: FLY CATCHER
    - RF Testing of PCBs and modules.
    - Conducting electronic circuit analysis and hardware troubleshooting of PCB sand modules.
    - Conducting deep-level analysis of waveforms captured from PCBs and modules.
    - PCBs and Modules handled: Arc sensor, AC + DC supply, Fault indicator unit, AFC decimator, Regulator, I and Q receiver, SSB modulator, Start pulse amplifier, phase sensitive demodulator.
  - Project 2: WLR
    - RF Testing of PCBs and modules.
    - Conducting electronic circuit analysis and hardware troubleshooting of PCB sand modules.
    - Conducting deep-level analysis of waveforms captured from PCBs and modules.
    - PCBs and Modules handled: Current sensor card, Temperature sensor card, Hourmeter card, Timing card, Microcontroller card.
  - Project 1: SCHILKA
    - RF Testing of PCBs and modules.
    - Conducting electronic circuit analysis and hardware troubleshooting of PCB sand modules.
    - Conducting deep-level analysis of waveforms captured from PCBs and modules.
    - PCBs and Modules handled: Relay card, Panel display assembly
- **Company 2: Times Microwave Systems Bangalore (June 2021 - July 2022)**
  - RF Testing for cables and connectors using network analyzer.
  - Cables handled: LMR240, LMR400, LMR600, MILTECH(PHASE MATCHED), ORGANLAB, INSTRABAND, TCOM, MG300, MG160.
  - Connectors handled: SMA, N-TYPE, SMP CONNECTOR, BNC, TNC, SC CONNECTOR.
- **Company 3: Tessolve Semiconductor PVT. LTD Bangalore (August 2022 – July 2023)**
  - Worked on ATE using Smart test version 8.
  - Used Linux commands.
  - Worked on V93K, used prober and handler.
  - Controlled instruments and created instrument libraries using LabVIEW, Python and NI Test stand

➤ Project 1: ADC chip

- Role: Team member
- Responsibilities:
  - Performed the Test parameters in Local Oscillator, Phase locked loop and ADC (analog to digital converter) communicating with I2c.

➤ Project 2: PMIC

- Role: Team member
- Responsibilities:
  - Tested PMIC

➤ Project 2: Mobile Processor

- Role: Team member
- Responsibilities:
  - Involved TP-Check and TP 360 test program comparison before program release
  - Created Suppress binning list and Master testable
  - Updated testable database.

• **Company 4: Micron PVT. LTD Hyderabad (August 2023 - Present)**

- Working in TD team using TEL probers & Agilent testers.
- Created device file on probers like B68S, N69R, Y62C, N58R, etc.
- Used Linux commands.
- Installation and deinstallation of semi-auto probers/testers.
- Worked with ESD team.
- S300probers/testers, Elight300prober/testers.
- Working on Palomar racks to load the samples.

➤ **TD Team.**

- Using TEL probers/testers(4072A).
- Created the device files likes B68S\_FINAL\_A this for 180deg and B68S\_FINAL\_B This for 270 deg.
- We need to upload the files to DFS/ARDA using Linux commend.

➤ **ESD Team.**

- Using Elight300 probers/testers, S300 probers/testers.
- This two are semi-auto probers so manually we need to test the wafers.

➤ **DEVICE Team.**

- Using Mag5ev-0018w testers and Mag5ev-0146 testers and Palomar racks.
- In this we will test Samples like B68S, N69R.
- We will do PM activity.

**EDUCATIONAL QUALIFICATION:**

Qualification	Name of school / college / Institution	Board/ University	Year of passing	Percentage /Grade
B.E (Electronics & communication Engineering)	Godutai Engineering College for Women Kalaburagi	VTU (Belagavi)	2019	6.6 CGPA
Pre- university Education	Govt. PU College kalgi	Karnataka Board	2015	74%
SSLC	Govt. High School Kodli	Karnataka Board	2013	72%

**PERSONAL DETAILS:**

- Name: SWATI
- Father name: VEERABHADRAPPA
- Local address: Electronic city Bengaluru
- Permanent address: H. No - 4/52, near Bus stop, Kodli-585312, Kalburgi.
- Date of birth: 30-05-1997
- Languages known: English, Hindi, Kannada
- Nationality: Indian

**DECLARATION:**

I hereby declared that the information furnished above is true to my knowledge.

Place: Hyderabad

Swati

