# Revathi C

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## Professional Summary

Software Engineer with 5 years of experience specializing in Bluetooth technology, automation development, and log analysis. Proven expertise in scripting, debugging, and test automation across Linux, Android, and Windows platforms. Seeking a challenging role to contribute to organizational success and personal growth.

## Technical Skills

* Operating Systems: Linux, Android, Windows, iOS
* Languages: C, Python
* Frameworks & Tools: Pytest, Robot Framework, ADB, GIT, BPA 600, BT Snoop Logs
* Bluetooth Profiles: A2DP, OPP, GAP, HFP, LE
* Testing Areas: Audio/Video Quality, Bluetooth CoEx, Application Automation

## Professional Experience

Global Edge Software (Part of Capgemini)

Professional I - Engineer

Feb 2020 – Oct 2024

### Projects

### Audio and Video Testing Framework

Duration: Feb 2020 – July 2020

* Developed scripts for audio and Video testing using Robot Framework, Unit test and Pytest
* Validated and prepared reports on audio quality indicators (Amplitude, Bit Rate, Frequency, Channel, Signal to Noise Ratio) and Video quality indicators (Blurriness, Blockiness, Block Loss, Noise, Exposure)
* Frameworks: Robot Framework, Unit test and Pytest
* Platform: Linux

### Bluetooth / CoEx Automation

Duration: July 2020 – Jan 2023

* Automated BT/BLE features and developed test libraries and scripts
* Focused on standalone Bluetooth scenarios (A2DP, HFP, PBAP, OPP, SPP, LE)
* Created auto-report generation for test suites
* Tools: BPA 600, BT Snoop Logs, ADB, GIT
* Platform: Linux

### Unison Application Automation Testing

Duration: Feb 2023 – Oct 2024

* Automated Unison App testing for Intel-based systems
* Developed libraries for BT core functionalities: calls, messages, notifications, file transfer
* Platforms: Windows, Android, iOS

## Education

Bachelor of Technology (B.Tech) - Sree Rama Engineering College, Tirupati, Andhra Pradesh

## Certifications

Python for Data Science, AI and Development – IBM (May 29, 2025)

## Languages

* English: Speak - Fluent, Read - Fluent, Write - Fluent
* Telugu: Speak - Fluent, Read - Fluent, Write - Fluent