Aditi Satish Shinde

Rohan Ananta Survey No. 125, opposite JSPM Institute, Tathawade, Pune,
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PERSONAL DETAILS

- Name: Aditi Satish Shinde
  Title: Software Engineer
  Email id: s.shindeaditi@gmail.com
  Year of birth: 12/02/1998
  Native: Maharashtra
  Nationality: Indian
  Language Known: English, Hindi, Marathi

PROFILE

- **Capgemini Bangalore**   13 Jan 2022 - 26 Feb 2024
  Associate 1-Software Engineer
  2 yr + of experience in Embedded Testing Professional: Manual & Automation Expert
  ◆ A Software Engineer with 2year 2 months of experience in embedded software testing with good understanding of BT 5.0+EDR and profile HFP, A2DP and have good understanding in the Networking, Open thread technology.
  ◆ experience having good understanding of C, IOT Appliances Testing , IOT Security Testing, IOT Protocols, BLE, Basic python Unix Commands and Networking, Sanity Testing, Automation Testing, Regression Testing, Technical Documentation Creation, Jira.
  ◆ Experience with open thread development tools and frameworks.
  ◆ Execute test plans, Analyzing logs to confirm cause and raising bugs,
  following up bugs and flashing OT devices w.r.t version.

CAREER

- Highly motivated and good knowledge in Embedded Testing with a passion for
  testing efficient and reliable software solutions.
  I would like to be software professional where, I can work as a team member and
  to secure a position where I can efficiently contribute my skills and abilities to the
  growth of the organization and make my professional career.

Technical Skills

- Operating Systems: Windows,LINUX.
- Networking Technology: Bluetooth, Open thread , embedded system, regression testing, manual testing, performance testing and requirements analysis.
- Programming Languages: Embedded-C, python Scripting.
- Testing : Open-Thread, Bluetooth, Profile Testing, Manual Testing ,AutomationTesting, API testing:- postman
- Bluetooth Protocols: LMP, L2CAP, SDP, GAP, GATT.
- Open Thread Role : Leader, Router, ED, REED and Device Type:- FTD , MED
- Bluetooth Profiles : HFP, A2DP, OPP.
- Scripting Languages: Python basics.
- Communication Protocols: UART, I2C.
- Tools: Wireshark (Packet Sniffer), Tera Term, Sodera,Ellisys, Comprobe protocol analyser, MATLAB(microcontroller),Jira , Git.

PROFESSIONAL EXPERIENCE

- **Capgemini Engineering, Bangalore Jan 2022 – Feb 2024**
  PROJECTS:

Project 1: AMD Advanced Micro Devices.
Client: AMD
Duration: 7 Months
Description: This project involves in Testing by using Windows and AMD board which is used to Test the Bluetooth profiles like A2DP and HFP, OPP , FTP.
Role:
 • Bluetooth testing, Sanity Testing, Functionality Testing, Testcase Execution.
 • Creation and bring up of set-up with setup technology .

Project 2: Open -Thread 15.4 Testing System
Client: NXP
Duration: 1.5 yr
Description: in open thread technology, including knowledge of Thread protocol, Border Routers, and Router, End Devices And REED.
Create a test plan and executing thread harness software all test cases for different role for the different version V1.1 and V1.2 as low power and commercial role and V1.3 Developed and implemented an IoT solution using open thread technology, enhancing device connectivity and communication.
This framework is also used to verify the scenarios on different platforms like Linux and Windows.
Role: Involved in the following activities
• Executing Test cases by checking Requirement document.
• Creation and bring up of setup with setup technology
• Verification and validation of logs.
• File a bug for fail test cases and attaching document which want developer side.
• Verification of stress test in congested environment
• Verification of Bluetooth and OT functionality testing.
Environment:
• Language: embedded c, python scripting
• Operating Systems: Windows, RTOS
• Protocols: 802.15.4
• Tools: JIRA.

Project 3: NXP - Firecrest Co-ex Testing
Role : Test Analysis
Activity: BT profiles and Open thread validation
Description: This project involves in Testing of Firecrest Controller of NXP semiconductors on RTOS platform on technologies Bluetooth, Wifi and Open thread co- existence.
Role:
 • Writing Test plan and execution plan.
 • Creation and bring up of set-up with setup topology.
• Validation and verification of Coexistence of dual radio performance and functionality in Shielded and open thread environments.
• Catching and debugging of issues, analyzing log files, filing, and tracking of bugs.
Environment: Windows, MCUXpresso.

EDUCATION & CREDENTIALS

- **Sanjay Ghodawat College of engineering, Kolhapur** 2020
  B E (E&TC Engineering)

- **Sanjay Ghodawat Polytechnic, Kolhapur** 2017
  Diploma (E&TC)

- **Ligade- Patil Junior College, Karad** 2015
  XII (HSC BOARD)

- **SPCK, Karad** 2013
  X (SSC BOARD)