Pawan Bathe

Software Engineer In Test

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Flat # G9,Damden Neptunia, Gulmohar Enclave Road,
 Munnekolala, Kundalahalli , Bangalore

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Skills

Python, C , Java

Windows Application Development

Test tools and test frameworks developments

Performance , Power and Thermal Analysis of ARM Devices

Android Studio SDK/NDK, Google Compatibility Test Suite

Experience

Qualcomm India Pvt. Ltd / Software Development Engineer in Test

AUGUST 2016 - PRESENT, BANGALORE INDIA

Technologies: Python , SQL, Git, Jenkins , C#/C++, PowerShell, .Net
Test Frameworks Development, Test Tools Development and Test
Automation, Windows Application Development

Responsibilities:

Responsible for automation framework development for windows on arm
desktop products.

Developed automation for daily devices infrastructure resilience report

Developed automation for farm device capacity and farm usage email
reports.

Developed windows tool for stability and concurrency testing of windows
desktop products.

CREO Tech (Acquired by Hike) / Software Engineer in Test

JULY 2015- AUGUST 2016, BANGALORE INDIA

Test Automation , Thermal Analysis, Performance Benchmarking of ARM
Based Devices, Battery Rundown , Charging Performance and Power
Analysis, Audio/Multimedia /GPS/ WiFi/Stress/Stability Testing , Tools
Development , Google Compatibility Test Suite(CTS/GTS) Validation , BSP
Validations

NVIDIA Corporation / Performance and Power Engineer

JUNE 2013 - JULY 2015, PUNE INDIA

Test Planning and Execution,Test Automation , Tools Development ,
Performance , Power and Performance Per Watt Profiling , Thermal
Analysis, Analysis of Performance and Power Tradeoff , Performance
Benchmarking and Competitive Analysis , BSP Validations for ARM Based
Devices, Collecting required info for debugging using JTAG , NIDAQ etc

Education

Government College of Engineering, Aurangabad

Bachelor of Computer Science and Engineering , 8.5 CGPA
JULY 2010 - JULY 2013, AURANGABAD, INDIA

Government Polytechnic, Khamgaon

Diploma in Computer Engineering, 87.23 %
JULY 2007 - JULY 2010, KHAMGAON, INDIA

Pet Projects

Hardware Sanity Tester - Android Application : It is android application that gives details about System Information,SOC/GPU/CPU and Manufacturer Details, Sensors Support Information, Real Time ,Thermal Zone Information , Battery Information and Software Build Details

Android Native Scroll Scripts:

It is simple script written using android NDK for ARM devices that helps you scroll in any android application or UI vertically or horizontally for any device with any resolution for specified time.

Academic Projects

Intrusion Detection System Using Data Mining Techniques: IDS using DM techniques , Classifier used C4.5 (J48), KDD Cup data set to train classifier ,jpcap library to capture network packets.

Open Source Contribution

ARM's Workload Automation Framework : Contributed to ARM's open source automation framework by adding new workload Androbench for storage performance

Achievements

- Won Third Prize in National Level Technical Paper Presentation in Pragya-2012 held at SGGSIE&T, Nanded
- Scored 100 out of 100 marks in MS-CIT(certificate course in Information Technology by MSBTE, Mumbai)
- Designed, developed & maintained the Website of Training & Placement Cell of College (www.gecatpo.com)
- Worked as Technical Secretary of Student Association of CSE Dept. at Govt. Engineering College, Aurangabad

Other Technical Skills

TCP/IP Fundamentals, SQL ,SQLite , Android Frameworks , ADB, Systrace , ftrace, perf top , tcpdump , Wireshark, Performance Benchmarking