BTM Layout,2nd Stage,
Koramangala , Bangalore

PAWAN S. BATHE

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EMPLOYMENT

Software Engineer   **Teewe**   **July 2015 - Present**
Technologies: Python,git, UiAutomator, Shell Scipting ,Android SDK, Linux ,ADB
Responsibilities:
- Wrote automation workloads for CPU , GPU , Memory and System Performance Testing
- Developed test automation framework for driver validation system
- Collaborated with Engineering and Development team for bug fixes and performance improvements

Software QA Engineer   **NVIDIA Corporation**   **June 2013 – July 2015**
- **Product Name:** Shield Tablet [http://shield.nvidia.com/tablet]
- **Technologies:** Python, git, Shell scripts, Systrace, ftrace, perf top, Linux, Android SDK
- **Description:** The NVIDIA SHIELD tablet is a high-performance tablet that transforms into a serious gaming machine with the SHIELD controller and NVIDIA GRID game streaming service.
- **Responsibilities:**
  - Profiled performance and power characteristics of SoC's and BSP.
  - Validated performance/power across different modules (WiFi/graphics/multimedia/camera/system).
  - Validated Performance/Power through entire product cycle.
  - Measured Perf-Power trade off, thermal, system snappiness.
  - Performance Benchmarks, Power measurement, Battery performance.
  - Competitive Analysis and Benchmarking

- **Product Name:**Tango Developer Tablet[https://www.google.com/atap/project-tango/]
- **Technologies:** Python, git, Shell scripts, Systrace, ftrace, perf top, Linux, Android SDK
- **Description:** Project Tango technology gives a mobile device the ability to navigate the physical world similar to how we do as humans. Project Tango brings a new kind of spatial perception to the Android device platform by adding advanced computer vision, image processing, and special vision sensors.
- **Responsibilities:**
- Verified Motion Tracking, Depth Perception and Area Learning Functionality
- Profiled performance and power characteristics of SoC's and BSP.
- Validated performance/power across different modules (WiFi/graphics/multimedia/camera/system).
- Measured Perf-Power trade off, thermal, system snappiness.
- Performance Benchmarks, Power measurement, Battery performance.

EDUCATION

Government College of Engineering, Aurangabad	BE(CSE)	June2013	82.50%
Government Polytechnic, Khamgaon (MSBTE Mumbai)	Computer Engineering	July 2010	87.23%
Maharashtra State Board	SSC	March 2007	87.20%

ACHIEVEMENTS

- Won 3rd Prize in National Level Technical Paper Presentation in Pragya 2012 held at SGGSIET Nanded
- Scored 100 out of 100 marks in MS-CIT(certificate course 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. Engg.College,Aurangabad

Languages and Technologies

- Android Studio; Android SDK/NDK; Oracle ; Eclipse; Git; Wireshark; tcpdump;
- C; Python ;Java; SQL; JavaScript; HTML; XML; Shell Scripting; MVC; Systrace; SQL; SQLite;
- TCP/IP; Linux Kernel ; CPU Governor and DVFS; Android Frameworks; BSP Validation