Jyoti Pandey

Software Engineer

### Software Engineer with 3+ years work experience. Experience in Device Driver Development for Windows and WebOS (Digital TV) DTV . Good knowledge on debugging Windows Drivers and applications, WebOS DTV platform.

**7042749535**

**Bengaluru** **jopandey7799@gmail.com**

**Email:**

**Address:**

**Phone:**

SKILLS **Languages-** C, C++, (Python(beginner))

**Frameworks**- WDM, KMDF

**Tools/Technologies**- Visual Studio IDE, WinDbg, DebugView, JIRA, Tera term, MobaXterm, SourceInsight, Gerrit, Github, DVB inspector, TS analyzer, Agile methodology.

Win32 API and other APIs, Windows 7, Windows 10 , Linux

# EXPERIENCE Sasken Technologies Limited, BLR

#  Software Engineer

 **Projects:**

#  Project name: WebOS DTV Broadcast Developer

#  **Role & Contribution:**

# The project is the development of Digital TV(DTV) Broadcast WebOS platform.

# Maintenance project for webOS TV to be released in 2023

# Working on WebOS OEM build, WebOS library, Web OS service, WebOS tools, WebOS boot using Linux & C/C++.

# WORK SUMMARY

# Working on fixing the issues or debugging the issues of WebOS.

# Development related to WebOS DTV platform.

# Provide DTV support and validation.

# Implementation of various DTV requirement.

# Debug crash issues and analyzing root cause in DTV legacy broadcast.

# Jan 2022 – Dec 2022

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#  Infoneering Technologies, Bengaluru

##  Software Engineer

##  **Projects**:

##  Project name: Windows sustenance

##  **Role & Contribution:**

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# Nov 2019 – Dec 2021

* Analyze and debug issues related to windows drivers and application.
* Maintenance and bug ﬁx issues related to application and drivers.
* Involve in integration testing of drivers and applications (New functionality testing).
* Handling engineering service requests forwarded by the CS team.

WORK SUMMARY

* Experience in working with C and basic knowledge in C++.
* Experience in troubleshooting Windows Applications, collecting and analyzing Windows User mode and Kernel mode dumps.
* Good knowledge in troubleshooting Windows OS related Device Driver bugs with eﬀective usage of tools such as Windows Kernel Debugger (WinDbg).
* Knowledge in stepping through local User mode code and Kernel code using Visual Studio debugger and Windows Kernel Debugger (WinDbg).
* Good knowledge of Windows Device Driver concepts (WDM model).

# EDUCATION D.I.E.T Punjab Technical University (PTU)

## B.Tech (ECE)