RAVI KUMAR VERMA | B. Tech. (IT), Noida

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OBJECTIVE

Hard-working listing programmer with 6+ Years of experience and with a flair for creating elegant solutions in the least amount of time. Looking forward to use my programming skills in different domains and shape out the ideas and dreams of the stakeholders into a successful and booming IT product.

WORK EXPERIENCE

Lead Design Engineer at Newgen Software Technologies Ltd. (Noida)   Sept 2022- till now
- Worked on Image processing and Image File Format Libraries for developing several image processing algorithms
- Worked on Python based AI/ML based Video analytics system

Software Design Engineer II at Newgen Software Technologies Ltd. (Noida)   May 2019- Aug 2022
- Worked on C# based Libraries for pdf manipulation using itext libraries
- Worked on Image processing and Image File Format Libraries for developing several image processing algorithms.
- Used C++, Design Pattern and Data Structure

Software Engineer at Venera Technologies (Noida)   June 2016 – November 2018
- Worked on Video Merging application (QCI) for Mp4 Videos.
- Worked on Video Conferencing Solution (IERA) designed for online learning.
- Used C++, Design Pattern and Data Structure

PROJECTS

Video Analytics | Python, Azure, AI, Nemo   Sept 2022- till now
- Integrated Nemo and punctuator libraries and azure speech to text api's
- Worked with ffmpeg for video processing.

IMGAP And IMGFL | C, C++14, Design Pattern, C#, Data Structure   May 2019 – till now
- Added several image processing algorithms for different functionalities.
- Worked on solving issues in C# based pdf library.
- Worked with Tesseract for improving ocr and integrated it with our library.
- Worked on solving customer issues and other small features.

QCI | C, C++11, , Design Pattern, Data Structure   Aug 2017 – Nov 2018
- Worked on implementing MP4 reader and writer.
- Designed UI and implemented in MFC

IERA | C, C++11, C++98, Java , Design Pattern, Data Structure   July 2019 – Nov 2018
- Integration of RTP packetizer and depacketizer in native Android.
- Worked on multiple feature that ease the Presenter to control the accessibility of Distinct Users in a meeting and gives control to use different layout of the video in a simple click
- Worked on Solving customer issues and implemented other small features.

TECHNICAL SKILLS

Languages (Proficient): C, C++98, C++11, C++14
Technology (Familiar): Python, Csharp, Java
Frameworks: MFC, Java Native Interface (JNI)
Developer Tools: Git, SVN, Visual Studio (2008, 2015, 2019)
Libraries: Opencv
Platforms: Windows, Linux

EDUCATION

Bundelkhand Institute of Technology (BIET), Jhansi(U.P.)
Bachelor of Technology in Information Technology (May 2012 – May 2016)