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KAUSAV KUMAR

SKILLS

- Expert in programming on PYTHON/Django/Tkinter, HTML 5, CSS 3, PHP/LARAVEL, MySQL & DBMS, AUTOCAD, JAVASCRIPT, ReactJS, ElectronJS, nodeJS, AngularJS.
- Can also create WORDPRESS, WIX & WEBFLOW websites.
- Good knowledge on writing playbooks on ANSIBLE and cloud computing (AWS, Google Cloud, IBM Cloud) effectively.
- Proficient in RFID tags, antennas on AUTOCAD and simulations.
- Knowhow of MATLAB in aspects of digital signal processing especially in image signal processing and audio signal processing.
- Studied various operating systems like Windows XP, Windows 7, Windows 8, Windows 10, Linux lite and UBUNTU.
- Can do programming on HFSS, Microcontroller, Microprocessors & other Digital Signal Processors as well.

WORK HISTORY

FREELANCER, 09/2020 to current

I am currently working as a freelancer. Designing and developing websites, UX/UI or solving software issues for various freelancing websites as per customer demand is main part of my job. My recent projects are:

1.) Portfolio Website: **2.) ERP Software:**

www.nishtha.info   I created an GUI software for my client using Electron JS

EXECUTIVE ENGINEER, from 02/2019 to 07/2020

PERFECT ID- GHAZIABAD, UP

Worked as an executive engineer. Current project was working on Production Machine PL Light for encoding of various RFID tags

Job responsibilities:

- Designing of various RFID antennas on AUTOCAD
- Testing for RFID Antennas by running simulations on TRAVA or SONET
- Manufacturing of RFID Tags
- Responsible for in-house Server Maintenance and network issues
- Second level support for in house applications based on SQL
- Responsible for trouble shooting of all the issues raised by customer in RFID Tags.
- Maintaining all company softwares & servers.

SKILLED ENGINEER (CONTRACT BASIS), 08/2018 To 11/2018

SHRI BALAJI SECURITY SERVICES (BEL FACTORY)-Panchkula, HR

Verification of Contrast & Length Sensors used in VVPAT Machines

FREELANCER, 04/2017 To 07/2018

Helping college students specializing in DSP (especially in digital image processing & audio signal processing) with their thesis & projects with programming parts of their thesis which require usage of MATLAB. Mainly, executing the results of various research papers & journals (IEEE, Springer etc.) on MATLAB as per individuals demand. For example: "Reducing the noise in audio signals while using Multiple Microphones", "Reduction in memory size of 8-bit JPG Digital Image without Compromising its quality" etc.

THESIS, 01/2013 To 12/2014

Digital Image Watermarking: Done whole post-graduate thesis on the project for digital image authentication and for securing and detecting any tampering done to the digital image without losing its quality.

INTERNEE ENGINEER, 07/2011 To 12/2011

HPG Systems- Chandigarh, CH

Online pH Meter: Studied, designed and programmed (Microcontroller) various pH meters for chemical and food industries to measure pH of various liquids running through their pipes during six months training period.

INTERNEE ENGINEER, 06/2010 To 07/2010

CROMPTON Greaves- Malanpur, MP

Auto-Transformers: Designing of Industrial grade Step-up auto-transformers in two months internship.

INTERNSHIP, 06/2009 To 07/2009

R.A.K.S.H.A NGO- Jaipur, Rajsthan

Wild Animals and Environment Protection: Still working with this NGO for the betterment of earth environment.

EDUCATION   **M. TECH.:: ELECTRONICS & COMMUNICATION ENGINEERING,** 2015

Lovely Professional University- Phagwara, PB

- Majored in Digital Signal Processing
- Dissertation: Image Securing & Tempering Deduction
- Graduated with 7.32 CGPA

B. TECH.:: ELECTRONICS & COMMUNICATION ENGINEERING, 2012

ICFAI University- Dehradun, UK

- Graduated with 6.59 CGPA

PUBLICATION	**ISSN: 2230-9926:** "An Improved Watermarking Technique For Image Authentication", Indian Journal Of Science And Technology, ICICS (IEEE) (December 2016).
CERTIFICATION	**IBM** issued certificate for "Python For Data Science".
PERSONAL SKILLS	- Active listening - Comprehensive problem-solving abilities. - Verbal and written communication skills. - Willingness to learn, team facilitator and hard worker.
ACHIEVEMENTS & EXTRA CURRICULAR	- Organized various events like annual day, technical festivals etc. during School and college. - Participated in Table Tennis & Cricket competitions. - Participated in district level archery championship (30 meters) for 15-18 age groups in school time. Earned a certificate of merit from Ch. Devilal Scientific Library during 10th All Haryana State Level Science Compitition-2003.
HOBBIES	- Listening music - Playing Cricket & Table Tennis - Reading Novels especially Fantasy Novels and Wuxia.
DECLARATION	I hereby declare that the information above is true to the best of my knowledge.