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## KAUSAV KUMAR

### SUMMARY

Hardworking and enthusiastic engineer with more than 3 years of experience in Computer programming and RFID tags. Seeking to enhance my computer and IT skills in Computer programming. Looking forward to be the part of an organization that offers a positive atmosphere to learn and implement new skills and technologies for the betterment of the organization and want to build a long-term career with opportunities for career growth.

### SKILLS

- Expert in RFID tags, antennas on AUTOCAD and simulations.
- Proficient in programming on PYTHON/Django/Tkinter, HTML 5, CSS 3, PHP, MySQL & DBMS, AUTOCAD, JAVASCRIPT, C language.
- Can also create LARAVEL, WIX & WEBFLOW websites.
- Good knowledge on writing playbooks on ANSIBLE and cloud computing (AWS) effectively.
- 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

**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.

**FREELANCER**, 04/2015 to Current

Also working as freelancer. Creating websites or solving software issues for various freelancing

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websites as per customer demand.

Helping college students specializing in Digital Signal Processing (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 (especially IEEE & Springer) on MATLAB as per individuals demand. For example: "Reducing the Noise in Audio Signals While Using Multiple Microphones", "Reduction in The Memory Size Of 8-Bit JPG Digital Image Without Compromising Its Quality" etc.

**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

**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.

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## 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

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

**ICFAI University-** Dehradun, UK

- Graduated with 6.59 CGPA

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**PUBLICATION**

**ISSN: 2230-9926:** "An Improved Watermarking Technique For Image Authentication", Indian Journal Of Science And Technology, ICICS (IEEE) (December 2016).

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**PERSONAL SKILLS**

- Active listening
- Comprehensive problem-solving abilities.
- Verbal and written communication skills.
- Willingness to learn, team facilitator and hard worker.

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**ACHIEVEMENTS &  
EXTRA CURRICULAR**

- Organized various event like annual day, technical festivals etc. during School and collage.
- Participated in Table Tennis & Cricket competitions.
- Participated in district level archery championship (30 meters) for 15-18 age group in school time.
- Earned a certificate of merit from Ch. Devlal Scientific Library during 10th All Haryana State Level Science Competition-2003.

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**HOBBIES**

- Listening music
- Playing Cricket & Table Tennis
- Reading Novels especially Fantasy Novels and Wuxia

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**DECLARATION**

I hereby declare that the information furnished above is true to the best of my knowledge.