VIKUL KUMAR

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DOB: 27 Feb, 1995

OBJECTIVE

Seeking a challenging position in Engineering Industry and use my skills for the benefit of organization and personal growth.

SUMMARY

- ➢ A focused graduate having a good hand on both hardware & software with strong adaptive quality.
- ➢ Submitted a research paper based on image processing in an international IEEE conference.
- ➢ Certification of 'Object Oriented Programming Using C++' from NIIT.

EDUCATIONAL QUALIFICATION

Qualification	Institute	University/Board	Year of passing
B. Tech	Amity University, Noida	Amity University	2016
XII	Hindu Inter College, Nagina	U. P. Board	2012
X	Hindu Inter College, Nagina	U. P. Board	2010

TECHNICAL SKILLS

- **Hardware :** Soldering, PCB Design
- **Tools:** MATLAB, ORCAD
- **Languages :** C, C++, C#, Dot NET, SQL, HTML

EXPERIENCE

- **HCL Services Ltd., Noida**

Designation: Technical Support
Duration: FEB, 2017 - Present
Tools: Kana Enterprise, Gibson, Sales Force, Touch CRM,
Description:
Assisted technical support to end-users, leveraging broad-based expertise to handle problem identification, diagnosis, resolution, and escalation via helpdesk system, telephone, and remote support tools.

INTERNSHIP AND TRAINING

Internship at Panasonic AVC Network India Co. Ltd.:

Title: 'LED TV Manufacturing'
Duration: 18 may - 29 June, 2015.
Description:
This internship project was aimed to go through the manufacturing process of Electronics appliances e.g. LED. LED TV is manufactured using LCD panel and LED as backlight. Panasonic uses both SMT (Surface Mount Technology) and THT (Through Hole Technology) technologies to prepare assembled PCB. Automatic Insertion Process (AIP) is used for implementing these technologies practically. Identification of ESD (Electrostatic Discharge) sources and protection against these aimed to improve the Electronic Part Life Cycle. Next cell Production Innovation technique is

used for making production effective.

PROJECT WORK

1.   Final year project completed in a group of 3 members successfully.

Title: '**Lip Movement Detection for Visual Speech Recognition**'
Duration: Sep, 2015 - May, 2016.
Description:
An automated computer vision approach is proposed for visual speech recognition to detect the lip contour from the face image. Unlike existing methods, merge threshold used in Viola Jones are made iterative and adaptive making it invariant to the quality of image. The colour space conversion and clustering method results in separation of lip from non-lip pixels which are further subjected to morphological operations and ellipse fitting for an computationally efficient lip contour extraction.

Platform: Image Processing
Tool: MATLAB
Role: Project Leader

2.   **In-house project** completed in a group of 3 members successfully.

Title: 'Automatic Turn-off Battery Charger'
Duration: May - June 2014.
Description:
An Auto turn off battery charger is a good option for people who don't like to mess with the battery charging process too much. When the battery is fully charged, it will shut off automatically. The circuit consists of very less components and is simple in design. This methodology uses basic electronic components like step-down transformer, bridge rectifier, relay switch and zener diode. This charger provided the full life expectancy out of the batteries we purchased.

Platform: Embedded systems
Role: Project Leader

ACHIEVEMENTS AND EXTRA-CURRICULAR ACTIVITIES

- Secured first position in HSC Board exams.
- Coordinator and Organizer of **International Conference** on '**Signal Processing and Integrated Networks**' (**SPIN)** 2015.
- Submitted a Research paper (http://ieeexplore.ieee.org/document/7878209/) based on Image Processing titled **'Improved Lip Contour Extraction Using K-Means Clustering and Ellipse Fitting'.**

HOBBIES

- Playing cricket & Listening to music
- Finding new gadgets & Tech.

PERSONAL DETAILS

- **Areas of Interests:**   IT - Software Developing, Testing, Networking, Telecom.
- **Personal Attributes:**   Teamwork, Right Attitude, Quick Learner.
- **Linguistic Abilities:**   English, Spanish, Hindi.
- **Permanent Address:**   Vill - Baser Kunwar, Dhampur, Bijnor, U.P.

DECLARATION

I hereby declare that the above mentioned information is correct to knowledge.

Sign: VIKUL KUMAR