

## CONTACT

### KUMAR PRASHANT

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## OBJECTIVE

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Energetic and Optimistic individual with relevant technical knowledge. Seeking work in a well reputed organization where I can use my learning to achieve organization objective and get a conducive environment which will help me to explore and achieve expertise through opportunities and learning, which will help me to enhance my skills along with ensuring growth of the organization.

## EXPERIENCE

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04-06-2018 - 24-12-2021

- **Production Engineer**

Apollo Gauging Pvt. Ltd.

I was responsible to manage how the product will be manufactured including design and assembly on the production line of packaging ensuring the quality control of the products to be delivered.

## EDUCATION

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2011

- **Secondary Education (10th)**

Keshav Saraswati Vidya Mandir (CBSE)

1st Division (87.4%)

2013

- **Senior Secondary Education(12th)**

Holy Mission Secondary School (CBSE)

1st Division (65.6%)

2014-2018

- **Bachelor of Engineering (BE)**

Birla Institute of Technology, Mesra

1st Division (64.4%)

2022

- **Post Graduate Diploma in Advanced Computing**

Centre for Development of Advanced Computation, Advanced Computing Training School (C-DAC ACTS)

A (72.7%)

## PROJECTS

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- **Human Powered Vehicle Challenge**

Human POWERED vehicle Challenge(HPVC) is a world-wide competition organized by American Society of Mechanical Engineers(ASME). I was a part of ASME's HPVC'16 where I represented my college being ViceCaptain & Transmission Engineer for the project. In the HPVC, we tried to demonstrate the application of engineering design principles in the development of sustainable and practical transportation alternatives. we work in teams to design and build efficient & engineered vehicles for everyday use.

- **Solar Powered Waste Compacting Bin**

Designed and fabricated the new generation smart bin for trash management which works by the use of solar power, designed in such a way that it improves the capacity of the bin by 6-8 times that of the regular bin. In the bin IR sensor is used to control the lid movement, Ultrasonic sensor to sense the level of trash & signal Arduino UNO that run the comparator. for compression mechanism Rack & Pinion were used. After specific compression GSM module send signal to municipality to empty the bin.

- **Student Portal for Online Courses**

The application aims to remove dependencies of distributed resources and provides seamless experience at an integrated portal. The student can access resources like time-table, notices, session links, assignments, grades and can upload solutions to respective assignments at one place. The faculty can create, edit and delete notices, assignments, timetable and can grade uploaded assignment solutions. The admin can view, add, edit and delete the details of both faculties and students.

## ADDITIONAL INFORMATION

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Represented my college BIT Mesra at national level, being Vice-Captain & Transmission Engineer of the team in American Society of Mechanical Engineer's Human Powered Vehicle Challenge(ASME HPVC'16).

## ACHIEVEMENTS & AWARDS

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- Winner of Robotics competition, Aqua-Soccer(IIT Patna, ANWESHA'16)
- Winner of Robotics competition, Death Race(IIT Patna, ANWESHA'16)
- 3rd Position in Robotics competition, Prison Break(BIT Mesra, PANTHEON'15)
- Best Design in Robotics competition, Death Race(BIT Patna, TECHNIKA'15)
- Represented college on national level as Vice-Captain of the team at American Society of Mechanical Engineers(ASME)'s Human Powered Vehicle Challenge(HPVC)

## SKILLS

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- Problem Solving
- Decision Making
- Team Building
- Java
- Spring & Spring Boot
- MySQL
- Linux
- React JS

## INTERESTS

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- Participating in Social Activities
- Economy & Personal Finance
- Reading books

- Music & Podcast
- Cricket
- Cooking

## ACTIVITIES

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- Volunteer at NSS camp
- Volunteer and Member of Blood donation camp

## LANGUAGES

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- English
- Hindi

## DECLARATION

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- All the above particulars furnished by me are true to the best of my knowledge and belief. I assure if I am given a chance, I will execute my work to the fullest satisfaction of my superiors.

kumar prashant

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