

# SHASHANK BHUSHAN

Third Year Undergraduate, Mechanical Engineering | [skbhu@iitk.ac.in](mailto:skbhu@iitk.ac.in) | +91-7754915990

## INTERESTS

Startups & Entrepreneurship, Android Development, Graphics Designing, Data Structures & Algorithms

## EDUCATION

Year	Degree	Institute	CPI/%
2017(expected)	Bachelor of Technology	Indian Institute of Technology Kanpur	5.7*/10.0
2012	All India Senior School Certificate Examination (CBSE)	Shiv Jyoti , Kota	73.4 %
2010	Indian Certificate of Secondary Education (ICSE)	Don Bosco Academy, Patna	83 %

\* - at the end of fourth semester

## ACADEMIC ACHIEVEMENTS

2013 Secured **All India Rank 3413** in JEE Advanced out of more than 500,000 aspirants.

2013 Secured a **score of 265/360** in JEE Mains given by around 1,300,000 students.

2013 Secured a **score of 382/450** in BITS Entrance Exam.

## WORK EXPERIENCE

**CRANKOUT TECH PVT LTD | Android Full Stack Developer Intern**

(May '15-Jul '15)

**Book Any Gym, Studio, Sports venue or personal Health Coach in Mumbai.(CrankOut App)**

- Team of three people created a Android app which used Python/Django for the backend and Android Studio for the frontend.
- Implementation of Session Management, Cart Management and Material Design guidelines.
- Built a android webview to communicate with the PayUMoney API.

## PROJECTS

**AURAPLAY - AN ARTICULATED MECHANICAL ROBOTIC ARM | Electronics Club Summer Project**

(May '14-Jun '14)

- Making a Fluid Interface by use of OpenCV for Image Processing of a projected screen. [Project Video Link](#)

**TA202**

(Jan '15-Apr '15)

- An Automatic wheat plant sowing machine was made by a group of 6 people and was awarded as the **best project** from the whole batch 440 students. [Project Video Link](#)

**TA201**

(Aug '14-Nov '14)

- Made a model to demonstrate the Perpetual Motion , and hence demonstrate the first and second law of thermodynamics.

## TECHNICAL SKILLS

**Programming Languages** - C, C++, JavaScript

**Web Development** - HTML, CSS, Django, Node.js, Bootstrap.css, MongoDB

**Android Development** - Android Studio, Eclipse

**Utilities** - Git, Make, Bash, Postman, Microsoft Excel, Microsoft PowerPoint

**Operating Systems** - Fedora, Ubuntu, Mac OS, Windows

**Design Software** - Sketch(Mac) , Auto-cad, Autodesk Inventor , Adobe Illustrator ,Adobe Photoshop

## RELEVANT COURSEWORK

**Computer Science** : Engineering Design and Graphics,Nature and Properties of Material, Fluid Mechanics, Graphical Engineering, Manufacturing Processes, Dynamics\* , Mechanics Of Solids\*, Energy System\*  
Manufacturing Science and Technology\* ,

(\* - ongoing)

**Others** : Fundamental of Computing, Complex Variable, Introduction to Electrical Engineering, Partial Differential Equation, Introduction to Electronics, Flight Mechanics\*

## **LEADERSHIP SKILLS**

### **CULTURAL SECRETARY | Hall Executive Committee, Hall 3**

**(Jul '14-Apr '15)**

- Was part of a team of 11 second year undergraduate students who were responsible for managing all activities conducted in the hall which accommodates around 600 students.
- Conducted various intra-hall cultural events and was responsible for the participation of the hall in inter-hall cultural events.

### **COORDINATOR – INFORMALS , TECHKRITI'15 .( Technical and Entrepreneurship Festival of IIT Kanpur )** **(Jul '14-Apr '15)**

- Operated the smooth conduction of the Games and Fun events conducted under Techkriti'15.

### **COORDINATOR – DESIGN EVENTS , TECHKRITI'15**

**(Jul '14-Apr '15)**

- Operated the smooth conduction of the events TGP and Concatenate.

### **SECRETARY ELEVATOR PITCH – BUISENESS EVENTS , TECHKRITI'14**

**(Jul '14-Apr '15)**

- Managed the Operations of event and Conducted it and won a price for participation as an audience.

## **HOBBIES**

Staying Updated with Technical Entrepreneur Events, Traveling, Management of Events, Cooking