

SHASHANK BHUSHAN

Third Year Undergraduate, Mechanical Engineering | 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	6.7*/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* ,

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

(* - ongoing)

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 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 – BUISENE EVENTS , TECHKRITI'14

(Jul '14-Apr '15)

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

HOBBIES

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