

KOUSTUBH JATKAR

Address:- Flat no:- 602, Jainam Elysium, L.B.S marg, Bhandup (W), Mumbai-78.

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Profile summary

A fresh B.E electronics graduate looking for a suitable career opening in the field of I.T or computers having equal preference for working at individual or group level. Highly keen to gain experience in a real industrial or in an organizational environment in order to achieve career goals.

Education

Graduation:- **B.E** (Electronics), Year 2016

Sardar Patel Institute of Technology, Mumbai

HSC:- Year 2009, (Scored 79% aggregate and 86% in PCM)

St. Xavier's Junior College, Mumbai

SSC:- Year 2007, (Scored 89.23% aggregate)

St. Xavier's High School, Mumbai

Academic projects

- Laser torch based voice transmitter and receiver (S.E project) :-
Consisted of two sections viz. Transmitter and receiver both of which were powered by a separate battery. From the transmitter section sound was sent which was coupled and amplified and finally made incident on the receiver section. Photo sensitive diode on the receiver section detected the sound signal and then further coupled to another amplifier. Finally the amplified signal was sent to the speaker and the original sound that was sent from the transmitting section would be heard. It can be used for wireless communication
- Automatic railway signal remote control system (T.E project) :-
Small sized prototype model which consisted of IR sensors on two sides viz. IR transmitter and IR receiver of the railway crossing gate. When train reaches the transmitting IR sensor part , it detects the train and passes the signal to the receiver side IR sensor which drives the motor attached to the gate and thus the gate closes. When the train has passed beyond the receiver IR sensor the motor drives the gate in opposite direction thus opening the gate.
- Communication system between a point outside water surface and point under water surface (B.E project) :-

Consisted of two sections , a section above the water surface and a section below the water surface. The unit under the surface of water consisted of a system which would be used to provide acknowledgement by the diver by pressing the keys on the panel available on the unit, this signal would be sent to the person standing outside the water surface. Communication would take place in both directions.

Certifications

Certification in Ethical hacking :- Pristine Info Solutions, Mumbai , Year 2016

Learnt about basic ways how to prevent cyber attacks. Learnt how to prevent a device connected to internet from getting hacked.

Skills

Operating systems worked on:-

- Windows
- Linux
- Ubuntu
- Kali linux

Programming skills:-

- Practical knowledge of Python programming.
- Theory and practical knowledge of Java programming.
- Basic knowledge of C++ programming.
- Basic knowledge of Hadoop.

Spoken and written languages:-

- English
- Hindi
- Marathi

