

# Ankit Deora

Embedded team member at Autonomous underwater vehicle (AUV), IIT Kharagpur

ankitdeora1993@gmail.com

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## Summary

I am Passionate about : Working on automated systems, learning new technologies and applying them in practical life to make life easier. My domain of interests are : Embedded system design, Control systems, Signal processing, Matlab and programming in c/c++ Achievements : Implemented power saving techniques in an home automation system using atmega micro-controllers during my internship which reduced the power consumption by around 30%.

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## Experience

### **Embedded team member at Autonomous Underwater Vehicle (AUV)**

January 2014 - Present (1 year 8 months)

Working on designing of an underwater sound source (pinger) locator system.

### **Summer Intern at Cubical Labs Pvt. Ltd.**

June 2014 - July 2014 (2 months)

Wireless communication among nodes in a Home Automated network using RF modules Implementing power saving techniques to reduce power consumption in microcontrollers and sensor nodes

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## Skills & Expertise

**C**

**C++**

**Java**

**Assembly Language**

**Embedded Systems**

**Proteus**

**Atmel AVR**

**Microcontrollers**

**Arduino**

**ATMega**

**Automation**

**Wireless Sensor Networks**

**Matlab**

**Programming**

**Photoshop**

**HTML**

**Microsoft Office**

**Windows**

**premiere pro**

**adobe flash**

**Microsoft Word**

**CSS3**

**Engineering**

**Simulations**

**Control Systems Design**

**Algorithms**

**Signal Processing**

**Linux**

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## Education

### **IIT Kharagpur**

Bachelor of Technology (BTech), Electrical Engineering, 2012 - 2016

Activities and Societies: Part of embedded team of the Bronze winning Hardware Modelling group of RadhaKrishnan hall of residence for year 2013-14. Part of the Silver winning Ad-design team of RadhaKrishnan hall of residence for year 2013-14 Attended 2 years (2012-14) of National Cadet Corps (NCC) training & passed the B certificate examination held in 2013. Part of the gold winning hockey team of RadhaKrishnan Hall of Residence for year 2012-13

### **Geetanjali Sr. Sec. School,Jodhpur**

2003 - 2011

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## Languages

**English**

**Hindi**

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## Projects

### **Development of autonomous transforming humanoid**

January 2014 to March 2014

Members:Ankit Deora, komal kumar, Anshit Mandloi, Nagarjuna Reddy, prasann jain

### **Development of Automated speech recognition system**

February 2015 to Present

Members:Ankit Deora, Anshit Mandloi, Nagarjuna Reddy

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[Contact Ankit on LinkedIn](#)