SCHOLASTIC ACHIEVEMENTS
- Secured All India Rank **154**, State Rank **1** amongst over **0.5 million** aspirants in **IIT-JEE** 2012
- Awarded Certificate of Merit in Mathematics, Computer Science and Chemistry for being in top 0.1% of the appeared candidates in AISSCE-2011

WORK EXPERIENCE

Microsoft IDC, Hyderabad   *Summer 2015*
Guide: Akshay Prabhu
- Developed a tablet based android application targeted for high school teachers which enables them to correct school assignments in the app itself in a hassle-free manner using multiple Microsoft technologies like Azure cloud services, Azure AD, Office 365 SSO etc.

Wegilant Net Solutions, Mumbai   *Summer 2014*
Guide: Toshendra Sharma
- Developed a cloud based java framework to detect OWASP top 10 security vulnerabilities in android apps using BCEL
- Implemented object-oriented models in appvigil.co backend and integrated it with the framework we had developed to ensure scalability and continuous integration

Aasaanjobs.com, Mumbai   *Winter 2013*
- Was part of web development team at Aasaanjobs.com, a recruitment portal for blue collared and entry level white collared workers, and helped in the making of a robust backend using Django

KEY ACADEMIC PROJECTS

Parallelization of Loops with Variable Distance Data Dependence   *Ongoing*
Undergraduate Thesis under Prof. Supratim Biswas
- Working on analysis of loops with variable distance data dependence for parallelization. Final aim is to generate parallel vector codes for loops with array references having data dependence between two iterations

Mobile Scanner   *Autumn 2014*
Guide: Suyash Awate
- Created an application to stitch closely captured images of portions of a page together to output the full page image with decent resolution and clarity
- After initial pre-processing, the images were passed into an image-stitching pipeline which extracts and matches the features in the images, performs bundle adjustment and warps the images together

OS Simulator - C++   *Spring 2015*
Guide: Prof. Dhananjay Dhamdhere
- Simulated the working of an OS by simulating its operations like Scheduler, Virtual Memory and File system

Bus pathfinder and Registry System - Java, PostgreSQL   *Autumn 2014*
Guide: Prof. NL Sarda
- Developed an integrated web interface to facilitate bus searches and manage bus system in a city

EXTRA CURRICULAR ACTIVITIES
- B Certificate in NCC
- Was part of hostel Water Polo team in GC which bagged the first position
- Completed 6.3km Crossy GC for hostel 7 held in IIT Bombay
- Represented hostel 7 in Triathlon GC