

ACADEMIC QUALIFICATIONS

YEAR OF COMPLETION	DEGREE/CERTIFICATION	INSTITUTION	CGPA / %
2018	Dual Degree, Electronics and Electrical Communication Engineering	Indian Institute of Technology Kharagpur	7.99 / 10
2013	Class XII (Maharashtra State Board)	Thakur Vidya Mandir, Mumbai	88.17%
2011	Class X (CISCE Board)	Ryan International School Goregaon, Mumbai	92.00%

INTERNSHIPS

AMAZON INDIA DEVELOPMENT CENTRE MAY 2016-JUL 2016

BULK SMS CAMPAIGNS FOR MOBILE ONLY ACCOUNTS

- Created an interface for the business team to **schedule SMS marketing campaigns**.
- Deployed the interface using **AWS services** to dispatch campaigns to internal services at regular intervals.

AASAANJOBS PVT LTD JUN 2015-JUL 2015

END-TO-END TESTING FRAMEWORK

- Designed and implemented a complete end-to-end **testing framework** using **Selenium** for www.aasaanjobs.com.
- Deployed the framework for **continuous integration** testing across all its products to its stack.

PROJECTS

AMY (UNDER SOFTWARE CARPENTRY) MAY 2016-PRESENT

- Regular contributor to the project with over 80,000 lines of codes across **over 100 commits**.
- Extended and deployed AMY to cater to the requirements of another organization, **PyData**.

EKLAVYA2 (UNDER AUTONOMOUS GROUND VEHICLE RESEARCH GROUP) AUG 2013-FEB 2015

- Open-sourced a generic **C++ ROS library** to achieve data communication with a **VectorNav VN-200 INS**.
- Designed and implemented a fast-response motion planner using **A* graph search algorithm** in **C++** for quick decision making, improving the robot response times from **30 FPS to 100+ FPS**.

GRID FOLLOWER WORKSHOP (UNDER TECHNOLOGY ROBOTIX SOCIETY) DEC 2014

- Mentored a week long **IEEE certified workshop** on embedded robotics during December, 2014.
- The primary focus was on evaluating its performance against different **graph algorithms** for traversing a grid.

TECHNICAL SKILLS AND SOFTWARE PACKAGE

Programming Languages	Python, Ruby, ASM, C++
Microcontrollers	Intel 8051, AVR Atmega, Arduino
Software Packages	Django, Git, Robot Operating System (ROS), Latex, Omnet++
Computing Platforms	Linux (primary), Windows

SCHOLASTIC ACHIEVEMENTS

- Secured **All Indian Rank of 1093** in JEE-Advanced, 2013 out of 1.5 lakh candidates.
- Secured an **All India rank of 28** in the Unified Cyber Olympiad, 2008.
- Secured **national top 1%** in National Standard Examination in Physics (NSEP 2012-13), conducted by Indian Association of Physics Teachers, out of 40,721 candidates.
- Secured Maharashtra **state top 1%** in National Standard Examination in Chemistry (NSEC 2012), conducted by the Association of Chemistry Teachers.
- Awarded the **all-round best student** award by the Ryan International School Goregaon in the year 2011.
- Winner** at the Biodiversity Written Quiz Contest organized by Nehru Science Centre, Mumbai during the International Year of Biodiversity Celebration, 2010 across all schools in Mumbai.

POSITIONS OF RESPONSIBILITY

TECHNOLOGY ROBOTIX SOCIETY FEB 2014-PRESENT

GOVERNOR

- Led a team of 30 robotics enthusiasts in designing **Robotix 2015**, India's biggest college robotics fest. The event witnessed over **2000 footfalls**.
- Conceptualized and designed the event **Sudocode**, the online coding competition of Robotix. The event witnessed over 100+ submissions from colleges across India. Designed and deployed an **online code judge** for the event.

SOFTWARE CARPENTRY MAY 2016-PRESENT

PROJECT MAINTAINER

- Responsible for the maintenance and upgradation of the project AMY according to changing requirements.

EXTRA-CURRICULAR ACTIVITIES

- Awarded the **best camper** at Inter-School **Social Service Camp**, Aurangabad in the year 2011.
- Played as a defender for my school's **football** team.