

SCHOLASTIC	<p>Ranked 6th in the department. Pursuing a Minor in Computer Science. Secured two AP grades(top 1%) in Basic Biology and Basic Computer Programming. Ranked 93rd in India among 1.5 lakh candidates in JEE Advanced '14. Ranked 34th in India among 1.4 million candidates in JEE Mains '14. Top 10 in India in the 3rd round of the Astronomy Olympiad, the OCSC. Top 300 in India in 1st round of Physics Olympiad and Chemistry Olympiad. Winner of the Kishore Vaigyanik Protsahan Yojana '14 Fellowship Award. 2nd in ICSE '12 (98.6%). City topper in CBSE '14 (98.2%), JEE Advanced, Mains. <i>Army Welfare Education Society Prize</i> for best academic performance in Army Schools.</p>
COMPUTER SKILLS	<p><i>Languages:</i> PHP(in Laravel 4), C/C++, Python(with OpenCV, Django), Java(with Android), Javascript(with NodeJS and AngularJS), Arduino, BASH <i>Software:</i> NgSpice, AutoCAD, Git, Wireshark, Photoshop, MATLAB, Processing</p>
EXPERIENCE	<p><i>Core Backend Developer, Pickup</i> March '15 - Present Built RESTful APIs, designed an ER Model Database in PHP using the <i>MVC Framework</i> Laravel 4 for a ridesharing service. Developing algorithms for the same.</p> <p><i>Convener, Web and Coding Club, IIT Bombay</i> April '15 - Present Taking sessions and coordinating events of the largest programming club in India.</p> <p><i>In-sem Intern, Codechef</i> January '14 - February '14 Made problems for Codechef for Schools initiative and wrote algorithmic editorials.</p> <p><i>Coordinator, Mood Indigo '15, IIT Bombay</i> July '15 - Present Designing the website, Android application and other microsites for the festival.</p>
PROJECTS	<p><i>Pyraminx Utility Kit, CS 101 Project</i> Spring '15 Used BFS algorithm and AVL trees to get mathematical results of optimal solutions of Pyraminx. Designed interface in C++, Allegro to get solve analysis, cube algorithm generators. Made Android app to read Pyraminx states via image processing.</p> <p><i>Bluetooth Mesh Network, ITSP '15</i> Summer '15 Android chat application to implement routing via Bluetooth using a Gnutella styled flooding algorithm. Used graph algorithms to optimize the same.</p> <p><i>Holographic Touch Screen, ITSP '15</i> Summer '15 Made an IR LED frame interfaced in Arduino to detect positions of obstacles placed in it. Projected hologram of LCD screen, formed using parabolic mirrors, onto it.</p>
OPEN SOURCE	<p>Contributing to Mozilla via bug fixes in Firefox Core, Toolkit, Gaia. Active member on Github with a number of personal projects in <i>image processing, Javascript, Python, NodeJS, Arduino and BASH</i>.</p>
EXTRA-CURRICULAR ACHIVEMENTS	<p>Technical</p> <ul style="list-style-type: none"> • 2nd at Microsoft code.fun.do Hackathon '14 for PNR predictor Windows app. • Attended Infosys Catch Them Young '10 and won best group software award. • 7th in India at Technothon, Techniche '10, IIT Guwahati. <p>Non Technical</p> <ul style="list-style-type: none"> • Karate Black Belt First Dan. Trained in <i>Kyokushin Kai</i> for 7 years. • Grand Master in Aloha Abacus and Speed Maths. National level winner. • NIE Student of the Year '11 for all round performance. • Finalist at Fresher Football League. Member of Inter-Hostel football team. • Interested in filmmaking, reading, music, star gazing, jogging and travelling.