

Hrushikesh Sudam Sarode

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EDUCATION

- **Indian Institute of Technology Mandi** Mandi, India
Bachelor of Technology in Computer Science Engineering; CGPA: 6.65/10.0 Aug. 2016 – Present
- **PVP Junior College, Pravaranagar** Ahmednagar, India
High School; Percentage: 77.8 May 2015
- **New English School, Kankuri** Ahmednagar, India
Class 10th; Maharashtra State Board; Percentage: 78.73 May 2013

PROGRAMMING SKILLS

- **Languages:** C, C++, Python, shell, Assembly, Arduino
- **Web:** PHP, MySQL, JavaScript, CSS, HTML

PROJECTS

- **Application Process for Mechanical Workshop, IIT Mandi:** Portal for processing product making requests. Built on PHP framework Laravel. Interactive User Interface with uploading the CAD model of the product.
- **Lab Equipment Booking Portal, BioX Lab, IIT Mandi:** An equipment booking portal for laboratory equipments. Built on PHP based framework Laravel. Webapp to book slots for the equipments by LDAP login. Link: <http://biolab.iitmandi.ac.in> . (This is only accesible from IIT Mandi Intranet.)
- **Financial Money Management and Tracking Tool:** This Software helps to Manage and Track money inside an Institute. It can also be used to generate bills or document them and all of this can be monitored by a third person hence the utility. All the transactions happening are now documented and can be audited(a feature). This project was done in a team of four. This Project was built from scratch using PHP,AJAX, HTML,CSS, MY-SQL and involved Server handling.
- **Sharing and Auction Platform:** This website enables the crowd of IIT Mandi to Optimize the use of all the resources that are within the college by sharing them within a group or by selling them of at the best price that can be achieved within the college.This project was done in a team of four. This Project was built from scratch using PHP,AJAX, HTML,CSS, MY-SQL and involved Server handling.
- **Blockchain Based Documenting Software:** This Software creates a platform for Forgery proof documenting and storage using Blockchain. Grabbed 3rd prize for a Block-Chain based Software in the Topcoder Hackathon The Software was implemented by manipulating a Ethereum Smart contract and passing various encrypted user data along the transaction.This project was done in a team of Three. This Project was built using PHP,HTML,CSS and involved Solidity, Server handling, encryption-decryption.
- **A System for Accident Free Roads:** A product that enables a user to handle traffic on hilly roads having sharp turns. Used arduino and accelerometer to detect vehicles and process the data. Implemented a priority queue for givinng priority to the sides of vehicles.

RELEVANT COURSEWORK

- **Deep Learning and Applications:** Ongoing
- **Paradigms of Programming:** Ongoing
- **System Practicum:** Ongoing
- **Artificial Intelligence:** Nov 2018
- **Communicating Distributed Processes:** Nov 2018
- **Advanced Data Structure and Algorithm:** Nov 2017
- **Information and Database Systems:** May 2018
- **Computer Organization:** May 2018

AWARDS

- **TopCoder Hackathon:** 3rd Position in 20 Teams