

Hrushikesh Sudam Sarode

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EDUCATION

- **Indian Institute of Technology Mandi** Mandi, India
Bachelor of Technology in Computer Science Engineering; CGPA: 6.6/10.0 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++, 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:**
Webapp that helps to Manage and Track money inside an Institute. Generate bills, document and Audit(a feature). This project was done in a team of four.Built from scratch using PHP,AJAX, HTML,CSS, MY-SQL and involved Server handling.
- **Sharing and Auction Platform:**
The website that enables the people 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. 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. 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 traffic data. Implemented a priority queue for giving priority to the sides of vehicles.

RELEVANT COURSEWORK

- **Artificial Intelligence:** Ongoing
- **Formal Languages and Automata Theory:** Ongoing
- **Communicating Distributed Processes:** Ongoing
- **Advanced Data Structure and Algorithm:** Nov 2017
- **Information and Database Systems:** May 2018
- **Computer Organization:** May 2018
- **Applied Database Practicum:** Nov 2017

AWARDS

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