

Mudit Joshi

COMPUTER SCIENCE ENGINEER · COMPETITIVE CODER

PDPM IITDM Jabalpur, Madhya Pradesh

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"If it doesn't Challenge you, It won't change you"

Education

PDPM Indian Institute of Information Technology, Design and Manufacturing
B.TECH. IN COMPUTER SCIENCE AND ENGINEERING **CPI - 8.1/10**

August. 2016 - PRESENT
Jabalpur, Madhya Pradesh

DAV Public School, Sahibabad
CLASS XII (CENTRAL BOARD OF SECONDARY EDUCATION) **PERCENTAGE - 94.6/100**

2014-2016
Ghaziabad, Uttar Pradesh

DAV Public School, Sahibabad
CLASS X (CENTRAL BOARD OF SECONDARY EDUCATION) **CGPA - 10/10**

2012-2014
Ghaziabad, Uttar Pradesh

Achievements

- Received **A+ grade** for exceptional performance in **Fundamental of Computing & Database Management System** course.
- ACM ICPC 2017** : Qualified for ACM ICPC Asia Regionals Kolkata-Kanpur Onsite
- ZetaByte** : Third position in ZetaByte(Codegolf) programming contest in Abhikalpan'18, IIT Jabalpur
- School topper of **Computer Science** in Class XII CBSE Examination.

Experience

FOSSEE, Indian Institute of Technology, Bombay
SUMMER FELLOWSHIP, 2018

Mumbai, India
May 2018 - July 2018

- Worked on bug fixing and feature additions in **KiCad** (EDA-Tool) and **eSim** (EDA-Tool of FOSSEE) in C++ and Python
- Created installer package of **eSim** for Windows and various Linux distributions in Pascal, Shell and C++.

Projects

RoboMaid

August 2017- April 2018

FACULTY ADVISOR : DR. APARAJITA OJHA

- Amongst the team of 6 members who are working on year long project on designing an **Autonomous Vacuum Cleaning Bot**.
- Implemented and studied various Algorithms for **Locomotion in Environment having Obstacles**.
- Worked on **Arduino Mega** and other digital sensors and developed an application for user interaction.

RestraùChat

March 2018- April 2018

YOUR FRENCH COMPANION FOR DÉLICIEUSE FOOD

GitHub

- RestraùChat** is a chatbot which can book and cancel tables in a Restaurant.
- It is implemented using **C(UNIX) Socket Programming**

Counselling Services Portal

August 2017- November 2017

CORE PROJECT FOR COURSE (CS201) DBMS, UNDER DR. PRITEE KHANNA

GitHub

- A Web-Base Database project using **MySQL** and **PHP** to provide various counselling services to the students.
- Features include search and book appointment with the counsellor of your choice.
- User and Counsellor can give their experiences after counselling which is checked by Admin.

Technical Skills

- **Language** : C, C++, Python
- **Language (Elementary)** : Java, HTML, CSS, PHP, MySQL
- **Software\Utilities** : STL, Git, \LaTeX , Linux, Adobe Photoshop

Sport Programming

- **CodeChef** n____, Maximum Rating : 1641 (Blue)
- **CodeForces** n____, Maximum Rating : 1375 (Pupil)

Courses

RELEVANT COURSES :

Fundamental of Computing, Data Structures and Algorithms, Database Management System, OOPs with Java, Computer Organization and Architecture, Design & Analysis of Algorithm, Data Communication

OTHER COURSES (MOOCs) :

Algorithmic ToolBox (Coursera), Machine Learning by Andrew Ng (Coursera)

Position of Responsibility

- **Event Coordinator** : IBM Machine Learning Workshop and Hackathon at Abhikalpan'18, March 2018
IIIT Jabalpur

Interests

- Data Structures and Algorithms
- Competitive Coding
- Machine Learning

Extra-Curricular Activities

- **1st runner-up** in One-act Competition in first ever Inter IIIT Techno-Cultural Fest'17 held at IIIT Jabalpur. March 2017
- **Consolation Prize** Robowar event in in first ever Inter IIIT Techno-Cultural Fest'17 held at IIIT Jabalpur. March 2017
- Designed a website for **BitByte : The Programming Club** of Institute.
- Represented School in various programming competitions and also in technical quizzes like **TCS IT Wiz**.
- An enthusiast in Cricket and Basketball.