

Mudit JOSHI

B.Tech Undergraduate at IIIT Jabalpur

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[PDPM IIITDM Jabalpur, Madhya Pradesh](#)

EDUCATION

2016-Present	PDPM Indian Institute of Information Technology, Design and Manufacturing, JABALPUR B.Tech. in Computer Science and Engineering CPI - 8.1/10
2014-2016	DAV Public School, Sahibabad, GHAZIABAD Class XII (Central Board of Secondary Education) Percentage - 94.6/100
2012-2014	DAV Public School, Sahibabad, GHAZIABAD Class X (Central Board of Secondary Education) CGPA - 10/10

EXPERIENCE

May 2018 July 2018	Summer Fellowship, 2018, FOSSEE, IIT BOMBAY, India <ul style="list-style-type: none">> Fixed bugs and added features in KiCad (EDA-Tool) and eSim (EDA-Tool of FOSSEE)> Created installer package of eSim for Windows and various Linux distributions> Fellowship Report <div>C++ Python Shell KiCad eSim</div>
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PROJECTS

All projects are available on : [muditjoshig8](#)

ALPHA^hNAUT AUG 2018- Nov 2018

[muditjoshig8/alphanaut](#)

- > A smart Helmet to ensure personal safety while moving from one place to another.
- > Developed an android app to provide real-time bike data, navigation and SOS in case of emergency.
- > Automatic accident detection and alert if case is serious, using data from sensors.

Python Thunkable Raspberry Pi

ROBO^hMAID AUGUST 2017 - APRIL 2018

- > Worked in a team of 6 members 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

C Arduino

RESTRA^hCHAT APRIL 2018

[muditjoshig8/RestrauChat-FOSSEE](#)

- > **RestrauChat** is a chatbot which can book and cancel tables in the restaurant for user without the involvement of a third person

C Socket Programming

COUNSELLING SERVICES PORTAL AUGUST 2017 - NOVEMBER 2017

[muditjoshig8/Student-Counseling-Services](#)

- > A web-app to provide various counselling services to the students.
- > Search and book appointment with the counsellor of your choice and according to your requirement.
- > User and Counsellor reviews are taken for further use.

HTML\CSS PHP MySQL

SKILLS

Language : C, C++, Python
Language : Java, HTML\CSS, PHP, MySQL, Shell
(Elementary)
Tools\ : STL, Git, Latex, Adobe Photoshop
Frameworks

INTERESTS

- > Data Structures and Algorithm
- > Competitive Coding

ACHIEVEMENTS AND POSITIONS

- > Received **A+ grade** for exceptional performance in **Fundamental of Computing (in C) & Database Management System** course
- > Qualified for **ACM ICPC, 2017 Asia Regionals** Kolkata-Kanpur Onsite
- > Event Coordinator of **IBM Machine Learning Workshop and Hackathon** at Abhikalpan'18, IIIT Jabalpur
- > Third position in **ZetaByte (Codegolf)** programming contest in Abhikalpan'18, IIIT Jabalpur

EXTRA-CURRICULAR ACTIVITIES

- > 1st runner-up in **One-act Competition** at Inter IIIT Techno-Cultural Fest'17
- > Consolation Prize in **Robowar** at Inter IIIT Techno-Cultural Fest'17
- > Represented School in various programming competitions and also in technical quizzes like **TCS IT Wiz**