

CONTACT INFORMATION

Address: C-322, Block C, IIIT Nagpur
Email: dubey.saurav.98@gmail.com
Contact: +919425133228

EDUCATION

Jul 2016 – Jun 2020 (expected)

TECHNICAL SKILLS

Languages: C,C++,Python,Java,Shell Scripting.
*Database:*NoSQL(mongoDB).
Web development: PHP, Javascript, HTML, CSS, MySQL.
Operating Systems: Linux.
Tools and Framework: Django, GIT,Android Studio, L^AT_EX.

PROJECTS UNDERTAKEN

DISEASE PREDICTION

Mentor: Prof. Robin Singh Bhadoria (in progress)

- Disease Prediction by Machine Learning Algorithm (Decision Tree) over Big Data from Healthcare Communities.
- Using NoSQL database (mongoDB) for storing unstructured data of hospitals records.
- Expected Results:Accuracy >97%,Sensitivity>96% ,Specificity > 87%.

SWASTHYA

Mentor: Prof. Robin Singh Bhadoria (in progress)

- Android based application that takes inputs as state,age,gender and gives the index of occurrence of disease in that particular state.
- Also gives suggestions,precautions,symptoms and nearset hospitals details to user.
- Got idea from Smart India Hackathon.

STUDENT RECORDS DATA MANAGEMENT SYSTEM

Mentor: Prof. Ravindra Kesar Aug 2017-Oct 2017

- A student record data management system implemented using **AVL trees** and **Linked Lists** and file handling for storing data in C.
- Different functions like getting maximum marks in particular subject, finding kth popular subject based on average marks, finding failures, finding topper, etc. are also provided.

PRISON MANAGEMENT SYSTEM

Mentor: Prof. Robin Singh Bhadoria	Jan 2017-Apr 2017
<ul style="list-style-type: none"> Created a portal that is used for Prison Management System. Provided a userID and password to each staff. Provided a functionality for updating the prisoner's details,staff details.Also it shows the latest details of programs in prison. 	

RELEVANT COURSES	<ul style="list-style-type: none"> ▪ Computer Programming, Data Structures, Advanced Data Structures, Discrete Mathematics, Computer System Organization, Object Oriented Programming, Application Programming, Design and Analysis of Algorithm, Operating Systems, Software Engineering.
RELEVANT INTERESTS	<ul style="list-style-type: none"> ▪ Algorithms, Data Structures, Programming Contests, Web Development. ▪ Big Data Analytics, Predictive Analytics, Machine Learning, Data Science, Databases (NoSQL).
EXTRA-CURRICULARS	<ul style="list-style-type: none"> ▪ Currently Mess Secretary at IIIT Nagpur. ▪ Volunteered as coordinator of IEEE conference held in college. ▪ Won first prize in quiz in Institute Gathering 2017, the inter branch cultural event. ▪ District Topper in Secondary Examination in 2014. ▪ Active participation on online competitive coding websites - CodeChef, Spoj etc.
RECREATIONAL INTERESTS	Player of the Volleyball college team, Watching movies and documentaries.