



# Suraj Kumar

Roll No.:2311MC17

Mtech

Mathematics and Computing

Indian Institute Of Technology, Patna

+91-8340354033

surajdx4148@gmail.com

suraj\_2311mc17@iitp.ac.in

Github | Coding

linkedin.com/in/suraj-kumar-0421191a4

## EDUCATION

Degree/Certificate	Institute/Board	CGPA/Percentage	Year
M.Tech. (MnC)	Indian Institute of Technology, Patna	70 (Current)	2023-Present
B.Tech. (CSE)	Nalanda College of Engineering, Chandi, Bihar	7.97	2019-2023
Senior Secondary	DAV Koyla Nagar, Dhanbad	70.2%	2017
Secondary	TATA DAV School, Sijua	8.8 CGPA	2015

## PROJECTS

- **Breast Cancer Prediction using Neural Network** Dec. 2023  
*Developed a breast cancer prediction system using neural network with tensorflow/keras.*  
– **Tools & technologies used:** Python, Deep Learning, Tensorflow
- **MTP thesis project** nov. 2024  
*Anomaly detection on Brain MRI image CNN ANN Autoencoder/keras.*  
– **Tools & technologies used:** Python, Deep Learning, Tensorflow
- **sorting visualizer** Feb. 2023  
*Various Sorting techniques is implemented*  
– **Tools & technologies used:** Html css /Javascript
- **creditscoreclassification** Feb. 2024  
*Used different machine learning algorithms to predict creditscore*  
– **Tools & technologies used:** python /numpy/pandas/Scikitlearn

## TECHNICAL SKILLS

- **Languages:** Python, Java, R, C++
- **Technologies:** Machine Learning, Deep Learning, NLP
- **Tools and OS:** Jupyter Notebook, Google Collab, Linux, Windows, VSCode

## KEY COURSES TAKEN

- Data Structure, Algorithms, DBMS, Machine Learning, Artificial Intelligence, Operating System, Wireless Network

## POSITIONS OF RESPONSIBILITY

- **Class Representative**, Department of CSE in B.Tech Nalanda College
- **Coordinator**, Coding Club IIT Patna
- **Teaching Assistance** course DBMS IIT Patna
- **Guest Lecturer** CSE department for 6 months NSIT patna

## CERTIFICATIONS

- **Data Structure and Algorithm**, EICT IIT Kanpur June 2022
- **Soft Skills**, NPTEL Dec 2021
- **Competitive Coding techniques**, EICT IIT Kanpur Dec 2022
- **Gate 2022 qualified** conducted by IIT Kgp feb 2022