

# JATIN PATEL

Computer Science Undergraduate  
BTech. CSE - 2020 to 2024.

A highly passionate and focused enthusiast of Computer technologies and software development with a great zeal to learn and develop at every step as I progress towards my goals.

## CONTACT

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📍 DUPLEX-45, DUTT TOWNSHIP, TILHARI, JABALPUR(MP)

## SKILLS

- PROGRAMMING
  - C/C++
  - Python
- Python Libraries
  - NumPy
  - Pandas
  - Matplotlib
  - Seaborn
- Machine Learning Algorithms (ML), Inferential Statistics, Web Scraping.
- Data Structures and Algorithms (DSA)

## EDUCATION

- GYAN GANGA COLLEGE OF TECHNOLOGY, JABALPUR
  - PURSUING BACHELOR OF TECHNOLOGY (BTech.) IN COMPUTER SCIENCE AND ENGINEERING (CSE)
    - 2020 - 2024
    - CGPA - 8.67 / 10.0
- O.P. JINDAL SCHOOL, RAIGARH
  - 10+2 IN PCM
    - PERCENTAGE - 94.6 %
  - 10TH
    - PERCENTAGE - 95.5 %

## PROJECTS

- HOUSING PRICE PREDICTION USING ML
  - Used Grid Search CV to perform hyperparameter tuning on algorithms - Linear Regression, Lasso regression, Decision Tree Regressor, Random Forest Regressor.
  - Deployed on an EC2 instance.
- FLIGHT PRICE PREDICTION USING ML
  - Used Randomized Search CV and Random Forest Regressor.
- AIRPLANE TYPE DETECTION (ongoing as of 20th May, 2023)
  - Applied Convolution NeuralNetwork (CNN) architecture.

## COURSEWORK

- DATA STRUCTURES AND ALGORITHMS (DSA)
- OBJECT ORIENTED PROGRAMMING (OOP) in C++ and Python
- MACHINE LEARNING (ML)
- DATABASE MANAGEMENT SYSTEMS (DBMS)
- OPERATING SYSTEMS (OS)
- COMPUTER NETWORKS (CN)
- SOFTWARE DEVELOPMENT

## ACHIEVEMENTS

- On Hackerrank:
  - 5 star \* in C++, Python, SQL
  - 4\* in Problem Solving (DSA)
- Solved 400+ problems on GeeksforGeeks, Hackerrank, Leetcode.
- AWS AI and ML Scholarship 2022 recipient. Udacity Nanodegree on (1).AI Programming with Python, (2). ML FUNDAMENTALS
- Finalist at Jabalpur Incubation Centre (JIC) Hackathon 4.0, among the top 48 teams.
- Presented my Research paper in National Seminar on Mathematics for Data Science (18th May, 2023).

## COURSES AND CERTIFICATIONS

- **UDACITY - (1). AI PROGRAMMING WITH PYTHON, (2). ML FUNDAMENTALS.**
  - **CCNAv7 - Introduction to Networks**
  - **AWS MACHINE LEARNING FOUNDATIONS**
  - **AWS CLOUD FOUNDATIONS**
  - **IoT and BIG DATA ANALYTICS - CISCO NETACAD**
- Interests and Passions - Computer Science and Aerospace/Aviation**