

# Vishal Dasani

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## EDUCATION

### IIT JODHPUR

#### MTECH IN COMPUTER SCIENCE

Cum. GPA: 7.7/10

Ongoing | Jodhpur, India

### IERT PRAYAGRAJ

#### BTECH IN COMPUTER SCIENCE

Cum. GPA: 8.8/10

Grad. May 2022 | Prayagraj, India

### ST. THOMAS INTER COLLEGE

#### INTERMEDIATE

Cum. GPA: 9/10

Grad. May 2017 | Khalilabad, India

## SKILLS

### PROGRAMMING

over 5000 lines:

C • C++ • Python • Django • SQL

Over 1000 lines:

HTML • CSS • JavaScript

Familiar Technologies:

Blockchain • Machine Learning • Software Development • Github

### SOFT SKILLS

Problem Solving • Leadership •

TeamWork

## COURSEWORK

### GRADUATE

Introduction to Blockchain

Software and Data Engineering

Advanced Data Structure and Algorithms

Security and Applications

Graph-theoretic Algorithms

Complexity Theory

Edge and Fog Computing

### UNDERGRADUATE

Introduction to C++

Data Structure and Algorithms in C++

Object Oriented Programming

Python Programming

Operating System

Database Management System

Computer

## ACHIEVEMENTS

• Attained top 2 % in GATE CSE 2022, showcasing exceptional dedication and aptitude in computer science.

• Achieved Gold Badge in C++ & Python on HackerRank.

## EXPERIENCE

### IIT JODHPUR | TEACHING SUPPORT

June 2023 -Present

- Taught Data Structure & Algorithms, Software & Data Engineering, and general programming concepts to a cohort of over 150 Students.
- Marked and assisted in the conduction of Exam.

### AASPASS - GLOBAL TO LOCAL | ANDROID DEV INTERN

June 2022 -Sept 2022

- Contributed to the development of "Aas Pass - Global to Local" Android app, focusing on secure authentication systems and intuitive user interfaces.
- Collaborated effectively with the development team, actively participating in project planning, implementation, and testing phases.
- Played a key role in streamlining vendor-user interactions, resulting in improved response times and enhanced customer satisfaction.

## PROJECTS

### PROJECT MANAGEMENT INFORMATION SYSTEM | HTML, CSS, JAVASCRIPT, BOOTSTRAP, PYTHON, DJANGO.

Ongoing

- Developed an in-house digital portal using Django for Cotton Wool Development Board, Jodhpur.
- Implemented key modules: User and role management, project proposal submission, approval management, progress report tracking, fund release management, summary report generation, and real-time backup.
- Delivered streamlined processes, efficient monitoring, and comprehensive reports for improved decision-making and data security.

### QUORA INSECURE QUESTION CLASSIFICATION | PYTHON, MACHINE LEARNING

- Built high-precision ML model with multi-linear regression to classify sincere (precision 0.65) and insincere (precision 0.98) questions on platforms like Quora.
- Conducted in-depth Exploratory Data Analysis (EDA) to optimize data preprocessing and feature engineering.
- Contributed to safer online communities with accurate content moderation, showcasing expertise in ML, data analysis, and EDA.

### DYNAMIC PRICE PREDICTION ON USED MOBILE PHONES | PYTHON, MACHINE LEARNING

- Predicted dynamic price of used mobile phones using machine learning with multiple linear regression.
- Utilized relevant features and historical pricing data to implement the model.
- Achieved impressive results with a high R-squared value of 0.98 and a low RMSE of 0.152, indicating strong correlation and precise forecasting capabilities.