# AVICHAL DUBEY

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## BRIEF SUMMARY

I am a B. Tech 3rd year Student and an innovative programmer. Acquiring skills and looking for opportunities in the domain of Software Engineering and Data Science. Organized and dependable candidate successful at managing multiple priorities with a positive attitude. Willingness to take on added responsibilities to meet team goals.

## EDUCATION

**Bachelor of Technology**, Institute of Engineering and Rural Technology, Prayagraj          Expected 2025
Department : Computer Science and Engineering

## ACHIEVEMENTS

**GATE CS IT 2024**                    **GATE DA 2024**

AIR 57 Gate Score- 892              AIR 170 Gate Score 739

## SKILLS

| | |
|---|---|
| **Languages :** | C, C++, Python, JavaScript, Java |
| **Core Concepts :** | SDLC Cycle, DSA, Network Programming, Bash Scripting, Machine Learning |
| **Database :** | MySQL, MongoDB, PostgreSQL |
| **Frameworks and Libraries :** | Django, React, NextJS, Express JS, Tailwind CSS, Tensorflow, sklearn |
| **Operating Systems** | Linux OS, Windows OS |
| **Tools and Technology :** | Git, Github, Firebase, Google Cloud Console |
| **Soft Skills :** | Teamwork, Effective Communication, Leadership |

## WORK EXPERIENCE

**Data Science Internship Nexus Info**

April 2024 to May 2024 One Month

Worked as Data Science Intern for a duration of one month. A good experience to work with 3 beginner projects developing and testing and dive deeper into the concepts. Working with other peers and guide helped me strengthen my concepts and learnt a lot during the entire duration on internship.

## PROJECTS

**Payroll Management System** View Project

Tech Stack- Python, HTML, CSS, Django Framework

Built a payroll management system that converts the manual system of maintaining salary processing records at a company using computers. I utilized the power of Django Framework for processing requests and carrying out efficient Database operations.

**E-Commerce App (Avi-Com)** View Project

Tech Stack- React, Material UI, Firebase, Redux, Vite

Built a responsive and interactive web interface simulating all the functionalities E-commerce website using React.

**Message Queue Telemetry Transport (MQTT) Protocol** View Project

Implemented Publish Subscribe model to implement MQTT Protocol from scratch using C programming utilizing the concepts of sockets and TCP services.

**Tweet Sentiment Analysis** View Project

Built a Machine Learning Model for Analyzing the sentiment associated with tweets posted on Twitter from various users and classify them as Positive or Negative Tweet harnessing the power of Logistic Regression.

## PROFILES

- **Leetcode** dubeyavichal999 (1781 rating, top 9%, 450+ problems solved)

- **CodeChef** avichal999 (2 star, HS Rating 1495, 150+ problems solved)

- **GitHub** Stormbreaker999 10+ Repositories