Shubham Kumar

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EDUCATION

Amity University — CGPA- 9.3
B-Tech in Computer Science And Engineering, — *2021 – 2025*

ABR Foundation School — Percentage- 73
All India Senior School Certificate Examination — *2019-2021*

EXPERIENCE

CELEBAL TECHNOLOGIES — June 2024 – Present
Data Science — *CT-CSI-DS-4381*

- Actively participated in virtual conferences focusing on data analysis and artificial intelligence.
- Worked on Customer segmentation datasets in Python to test and validate generated outcomes.
- Employed diverse data visualization methods to perform feature engineering and enhance data analysis.
- Acquired comprehensive knowledge of various mathematical techniques and principles utilized in data science.
- Proficiently executed projects, demonstrating adaptability and delivering high-quality solutions within deadlines.

MOTIONCUT VEDIO STUDIO — October 2023
Python Developer — *C.No-202313765062*

- Streamlined user interaction, significantly reducing manual searches.
- Collaborated to integrate a chat-bot feature enabling users to input titles for prompt access to relevant details.
- Developed a ScrapDataHelper using Python with requests, BeautifulSoup and pandas libraries to analyze scraped data

PROJECTS

Research Paper Analyzer | *Python, NLTK, pandas, Numpy, MySQL* — July 2023 - September 2023

- Developed advanced Research Paper Bot in Python.
- Achieved substantial query accuracy and Reduced response time.
- Implemented keyword identification feature. Enhanced usability of research papers
- Utilized NLTK for NLP and Scikit-learn for ML, Integrated NumPy for efficient data processing.

Financial Statistics Dashboard | *Excel, Pivot Table, Charts* — June 2024 – Present

- Developed a comprehensive financial dashboard in Excel to track and analyze financial metrics.
- Enhanced the dashboard with advanced Excel features like pivot tables, charts, and conditional formatting.
- Implemented continuous data update mechanisms to ensure real-time financial analysis.
- Collaborated with financial analysts to gather requirements and receive feedback on the dashboard's effectiveness.

TECHNICAL SKILLS

Languages: Python, C/C++, SQL, HTML, CSS
Frameworks: React, Django (beginner)
Developer Tools: Git, VS Code, Microsoft Excel, Visual Studio, PyCharm
Libraries: pandas, NumPy, Matplotlib, Beautiful Soup
Coding Platforms: leetcode, GFG, HackerRank, Solved 300+ DSA problems.

RESEARCH

Enhanced Euclidean Algorithm | *GCD, Cryptography, Networking Scenarios* — September 2023

- Advanced GCD Computation and Its Implications for Cryptography and Networking Scenarios.
- Demonstrates precision and adaptability in GCD computation.
- Significantly impacts cryptography and networking.
- Enhances proficiency in integer analysis.

CERTIFICATION

Python — SQL — AI for India 2.0 — CSS — OOPS