Gajraj Singh Rathore

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OBJECTIVE

To secure a challenging Python Developer position in a progressive organization where I can leverage my programming skills, problem-solving abilities, and enthusiasm for coding to contribute to impactful projects. Motivated and detail-oriented MCA 2nd-year student with a solid foundation in Python programming, responsive project development using HTML and CSS, and proficiency in MySQL. Eager to apply academic knowledge and develop practical skills in a professional environment.

EDUCATION

JECRC University   Jaipur, Rajasthan | 2023 – 2025
MASTER'S IN COMPUTER APPLICATION IN ARTIFICIAL INTELLIGENCE & MACHINE LEARNING

Maharishi Arvind Institute of Science and Management   Jaipur, Rajasthan | 2020 – 2023
BACHELOR'S IN COMPUTER APPLICATION

SKILLS

Programming Languages: Python, SQL, JavaScript
Frameworks & Libraries: Django, HTML, CSS, NumPy, Pandas, Matplotlib
Database Management: MySQL
Machine Learning: Supervised and Unsupervised Learning
Tools & Technologies: Visual Studio Code, Jupyter Notebook, Git/GitHub

PROJECTS

VOICE ASSISTANT USING PYTHON ⤴

- Created a voice assistant using Python that could recognize and execute user commands.
- Implemented speech recognition and text-to-speech conversion modules.
- Added functionalities to fetch weather updates, play music, and answer general knowledge questions using APIs.
- Optimized response time by integrating a multi-threading mechanism for concurrent task execution.

EMAIL VALIDATION TOOL USING PYTHON ⤴

- Developed a Python-based tool to validate email addresses with real-time domain checks.
- Integrated error-handling mechanisms for incorrect email formats.
- Enhanced functionality by incorporating SMTP server pings to verify mailbox existence.
- Designed a user-friendly CLI interface to make the tool accessible for both technical and non-technical users.

SPOTIFY CLONE ⤴

- Replicated Spotify's web interface and included functionalities like playlists and search.
- Leveraged JavaScript for dynamic elements and MySQL for data storage.
- Integrated a mock API to simulate fetching and displaying songs, albums, and user preferences.
- Implemented a responsive design using CSS to ensure compatibility across different devices and screen sizes.

CERTIFICATIONS

- Foundation to AI and Data Science by Samatrix.
- Data Analysis using Python by Samatrix.

STRENGTHS

- Trustworthy
- Dedicated
- Punctual
- Quick Learner