MD RAJU ALAM

PYTHON DEVELOPER

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PROFESSIONAL SUMMARY:

"Python Developer with 2+ years of experience in designing and developing web applications using Python, SQL, Django, and Django Rest Framework. Successfully implemented machine learning techniques to reduce operational costs by 15%. Proven ability to deliver high-quality projects on time. Seeking a Python Developer role to leverage my skills in a dynamic organization."

TECHNICAL SKILLS:

- Python, Data Structure
- SQL, MYSQL, PostgreSQL, NoSQL
- Flask / Django, Django Rest Framework

- RESTFUL APIs, JSON, GitHub, Unit Testing
- Machine Learning, NumPy, Pandas, matplotlib.
- HTML, CSS, Java Script, Linux/Ubuntu, Windows

PROFESSIONAL EXPERIENCE:

Python Developer at TRAEGEN SYSTEM Pvt. Ltd, Bangalore   **10th January - 2024 to Present**

- Developed and implemented backend components to enhance performance and responsiveness, including cloud-based server-side logic and high-performance web applications.
- Implemented RESTful APIs to facilitate seamless interaction between different system components.
- Successfully delivered projects on time by collaborating effectively with cross-functional teams.

Python Developer at EffOne Technologies Pvt. Ltd, Bangalore   **November 2023 to 2nd January – 2024**

- Developed web scraping scripts to collect and analyze data for an electric car project using Python, Django, Requests, and BeautifulSoup.
- Designed and implemented RESTful APIs to manage and process collected data.

Python Developer at Excelvisor Technologies, Bangalore   **August - 2021 to October 2023**

- Designed and created RESTful APIs, wrote reusable, testable, scalable, and efficient code, and conducted performance optimization and code reviews.
- Improved API response time by 25% through code optimization and database indexing.
- Developed and maintained robust backend services using Python, SQL, MySQL, ORM, and front-end technologies (HTML5, CSS, JS).
- Implemented machine learning models for predictive analytics, reducing data processing time by 30%.
- Worked with several software tools such as VS Code, PyCharm, jupyter Notebook / lab, anaconda.
- Strong problem-solving and analytical skills, excellent communication and collaboration abilities.

INTERNSHIP:

Data Analyst from Real Time Signals Technologies Bangalore   **2018**

- Python scripts for data preprocessing, cleaning, transformation and data Visualization, resulting in improved data quality and accuracy.
- Conducted data analysis to identify trends, patterns, and insights using SQL, Python.

TRAINING:

- Database and SQL from Spotle.ai, 2020
- Python and Machine Learning from INTERNSHALA, 2021
- Data Science from Coding Invaders, 2020
- Machine Learning and AWS from AWS Training, 2020

ACHIEVEMENTS:

- 2nd Prize in Blockchain Hackathon competition among 100 participants, 2023
- Code-Chef Cu-Coder participant, 2020
- Hacker Rank certifications, 2018
- College Awards for academic excellence, 2017-2018

EDUCATIONS:

- **Master of Computer Application (MCA)**
  AMC Engineering College, Bangalore, 2015 to 2018.
- **Bachelor of Computer Application (BCA)**
  Magadh University Bodh Gaya, 2012 to 2015

TECHNICAL PROJECTS:

Hotel managing Reservation System.

Tech Stack: Python, MySQL, Django, Django Rest Framework, ORM, HTML5, CSS, JS
Team Size: 5

- Developed a comprehensive hotel management reservation system with modules for online booking, room management, secure payment processing, and detailed report generation.
- Implemented user authentication and booking confirmation emails, enhancing user experience.

Real Estate Price Prediction.

Tech Stack: Python, MySQL, matplotlib, Seaborn, Numpy, pandas, Machine Learning and algorithms.
Team Size: 5

- Developed a machine learning model to predict real estate prices with high accuracy using Python and Scikit-Learn.
- Utilized Pandas and NumPy for data cleaning, preprocessing, and transformation to ensure high-quality input data.
- Implemented advanced regression algorithms and hyperparameter tuning to optimize model performance.

E-Commerce Platform

Tech Stack: Python, PostgreSQL, Django, DRF, HTML5, CSS, JS
Team Size: 4

- Developed backend logic using Django to manage user management, product listings, and order processing.
- Designed and implemented REST APIs for product management, user authentication, and order processing, ensuring seamless integration with the frontend.