RAJA BABU MIRIYALA

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Career Objective

Seeking environment which will allow me to prove my capabilities towards growth of organization, and help me to enhance my knowledge.

Academic Qualification

- **Master of computer application** (MCA) -2022-2024 from **Chadalawada Ramanamma engineering** and college 75%.
- **B.Sc. (M.P. Cs)** – 2019 to 2022 from I**deal and Sri Krishna** Chaitanya Memorial **Degree College** Under Acharya Nagarjuna University with 70%
- **Intermediate (M.P.C)** – 2017 to 2019 from **Kamala Junior College**, Markapur with 80%
- **SSC** – 2016-2017 from **Viswa Shanthi High School**, with 85%

Project

TITLE: **AI-Powered Chatbot**
- Designed and deployed a token-based secure chatbot using Python, JWT, and MySQL integrated with OpenAI API.
- Employed principles of distributed computing and secure communication in software development.
- Added rule-based fallback for robust user interaction and fault tolerance

TITLE: A Deep Learning Approach to Detect Real-Time Vehicle Manoeuvres Based on Smartphone Sensors
- Designed a deep learning model to detect vehicle manoeuvres using accelerometer & gyroscope data.
- Developed an API for real-time data analysis and classification of driving behaviours.
- Implemented a backend system using Python to store and process sensor data efficiently.
- Applied Convolutional Neural Networks (CNNs) and LSTM models for accurate classification.
- Created visual reports and real-time dashboards for monitoring vehicle movement trends.
- Conducted extensive testing and validation to enhance the model's accuracy and reliability.

Professional Certification

- IBM (Coursera): Data Analysis with Python
- Hacker Rank: Python Programming Problem Solving
- Saag Technologies: Full Stack Development, SQL Database

Skills

- Languages: Python (Advanced), Java (JDK), SQL (joins, views, stored procedure)
- Frontend: Html, CSS, JavaScript
- Libraries: Pandas, NumPy, Matplotlib ,
- Frameworks: Django (ORM)(MVT), REST APIs
- Tools: Git, GitHub, VS Code, Jupyter Notebook, Visual Studio
- Databases: MySQL, DBMS, RDBMS
- Others: OOPs, MVC Architecture, SDLC, Version Control,

Strengths

- Commitment, Sincerity and dedication towards assigned work.
- Good Organizational and Communication Skills with Positive Attitude towards Team.
- Ready to take up new tasks and challenges.

Achievements

- Solved 200+ problems across LeetCode, Hacker Rank
- Participated in coding challenges on Code forces and Hacker Earth
- Winner– Inter-college coding contest, SV University

Training

- Built modular and maintainable backends using Django and implemented RESTful APIs.
- Good knowledge on Python and SQL, and implemented CRUD operations.
- Applied automation techniques and GitHub version control strategies.

Personal Details

Name	:	Raja Babu Miriyala
Father's Name	:	Kasaiah Miriyala
Date of Birth	:	15-06-2000
Nationality	:	Indian
Languages Known	:	English, Telugu
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