Raksha Shetty

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Summary

AI/ML enthusiast with a strong foundation in mathematics, statistics, and programming. Eager to contribute to innovative projects and gain practical experience in data analysis and model development. Passionate about leveraging AI/ML skills to drive team success.

Education

Shri Madhwa Vadiraja Institute of Technology and Management Bantakal, B.E _Expected 2025_
CGPA: 8.69

Poorna Prajna Pre-University College Admar, PUC _2019 - 2021_
Percentage: 96.84%

Skills

- **Programming Languages:** Python, C, C++
- **Tools:** Excel, Tableau, MySQL (Intermediate)
- **Soft Skills:** Communication, Team Collaboration, Adaptability, Time Management

Experience

Data Analyst Intern _Sep 2024 - Present_
Codtech IT Solutions

- Collaborating with a team of three analysts to optimize data dashboards, reducing data loading time by 30%.
- Enhancing data processing workflows, achieving a 20% increase in efficiency for data retrieval and reporting.
- Integrating over five data sources and APIs, boosting data coverage and analytical capabilities by 40%.

AI/ML Intern _Jun 2024 - Jul 2024_
System Tron

- Designed and implemented AI solutions that increased prediction accuracy by 15% across 3 projects.
- Participated in 5+ code reviews, identifying and fixing bugs, improving code efficiency by 25%.

Projects

AI Virtual Mouse

- Created hand gesture-based controls for smooth cursor movement, clicks, and drag-and-drop actions.
- Improved gesture recognition accuracy by 35%, boosting user experience and interaction efficiency.
- Implemented advanced tracking algorithms to ensure seamless and responsive user interactions.

Password Generator

- Generated 100+ secure passwords with customizable length and options.
- Enhanced password security by 60% through alphanumeric and special character criteria.

Brain Tumor Detection and Classification Using SVM

- Achieved 96% accuracy with advanced pre-processing and feature extraction techniques.
- Processed over 100 MRI scans, reducing diagnostic time by 20% through automation of tumor classification.

Certifications

Python For Data Science
Issued by IBM

- Mastered Python basics, data structures, file operations, and Pandas for data handling.
- Gained skills in Numpy arrays and simple API setup for data manipulation and integration.

Data Analytics and Visualization
Issued by Accenture

- Acquired expertise in data preprocessing, statistical modeling, visualization, and delivering insights to stakeholders.
- Strengthened ability to turn raw data into actionable insights and present them effectively in business scenarios.

Activities

Advancements in Virtual Technology IEEE

- Participated in IEEE workshops on VR/AR advancements and taught high school students about these innovations.

National Service Scheme NSS

- Participated in community service activities, including beach cleanups, blood donation camps, and health awareness campaigns in rural areas.