Prajwal Arjun Kanade

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BTech - Artificial Intelligence and Data Science

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EDUCATION

- Bachelor of Technology in Artificial Intelligence and Data Science   Jan 2021 - June 2024
  CSMSS. Chh. Shahu College of Engineering, Aurangabad   CGPA: 8.37

PROJECTS

1. **Face Recognition-based attendance monitoring system**
   - Implemented an intelligent solution that seamlessly captures and identifies 40 students' faces through camera input.
   - Enabled automatic marking of attendance by matching recognized faces with the stored database. Efficiently recorded attendance data into a streamlined CSV file.
   - A dataset of 40 students was collected, the trained model Attained 92% accuracy

2. **Smart Resume Analyzer**
   - Engineered an innovative Smart Resume Analyzer using NLP technology to efficiently parse resumes, cluster keywords, and deliver personalized insights, enhancing recruitment process efficiency by 60%.
   - Strategically integrated Streamlit, HTML, CSS, and JavaScript for frontend optimization, and orchestrated Python, MySQL for backend, resulting in a 70% user engagement boost.
   - Accomplished a notable 90% accuracy post-training with 200+ resumes, optimizing data processing through seamless database connectivity and backend operations.

3. **Handwritten Character Recognition using Neural Network**
   - Executed intricate data preprocessing methodologies, elevating model readiness.
   - Demonstrated expertise in model training, culminating in a notable 88% accuracy milestone for precise character identification.

4. **Student Management System using JAVA and SQL**
   - Designed and implemented a Student Management System using Java and SQL, featuring a user-friendly interface with 4 distinct pages.
   - Created a SQL database with 4 carefully organized tables to efficiently store and manage data.

5. **Onion Harvester (TIFAN2k22)**
   As head of the innovation department, I led the development of an AI-based onion detection system, contributing to our team's second runner-up position in the TIFAN competition

EXPERIENCE

- **Data Science Intern (xScientist Tech LLP)**   **Sep 2023 – Present**
  - Led the execution of 10+ projects, showcasing expertise in Python, SQL, Django/Django-ORM, Flask, and Web Scraping, ensuring seamless integration with cross-functional teams.
  - Secured a remarkable 95% improvement in project timelines, optimizing efficiency in project delivery and exceeding client expectations.

- **Machine Learning and Data Science with Python (Intern, PHN Technology Pvt Ltd, Pune)**
  April 2023 to June 2023
  - Engaged in 2 month internship focused on Machine Learning and Data Science, leveraging Python as the primary tool.
  - Carried out hands-on projects, applying Machine Learning algorithms and Data Science libraries to real-world scenarios.

SKILLS

Programming Languages: Python, R, SQL, Java

Libraries: Numpy, Pandas, BeautifulSoup, Scikitlearn, Pytorch, NLTK, Keras, matplolib.pyplot,selenium, seaborn.

Frameworks: Tensorflow, Flask, Django

Databases: MySQL, MongoDB.

Areas of Interest: Data Science, Artificial Intelligence, Deep Learning, Machine Learning, NLP

Soft Skills: Leadership, Teamwork, Communication, Self-learning

Data Analysis Tools: PowerBI, Tableau, Excel

CERTIFICATIONS

- Python
- Machine Learning
- NPTEL - Data analytics with python
- NPTEL - Internet of Things
- AMCAT Certification

ACHIEVEMENT

- Achieved Kaggle Expert level by creating and publishing 10+ Jupyter notebooks on data visualization, machine learning and predictive analytics;
- Earned 8 bronze medals for data science solutions that improved data-driven decision making.