Pranav Ramesh

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SUMMARY

Actively seeking full-time roles and available to join immediately, leveraging a strong background in Data Science, & ML.

EDUCATION

San Jose State University   San Jose, USA
M.S., Data Analytics; GPA: 3.58/4.00   *Dec 2024*
Coursework: Statistics, Data Visualization, DBMS, Machine Learning, Natural Language Processing, Deep Learning, Data Mining
Dr. Ambedkar Institute of Technology   Bengaluru, India
B.E., Computer Science and Engineering; GPA: 4.00/4.00   *Aug 2020*
Coursework: Mathematics, Python, Cloud Computing, SQL, Web Technologies, Business Intelligence

WORK EXPERIENCE

MarketMakerCRE   Pensacola, USA
Data Scientist Intern   *Jul 2024 – Aug 2024*
- Scraped data from **3+ websites** using **Python** (**BeautifulSoup & Selenium**), improving data collection efficiency by **35%**.
- Enhanced data accuracy by **30%** through rigorous cleaning and integration of **REITs (Real Estate Investment Trust)** data, resulting in better real-time market insights.
- Created dynamic **Tableau dashboards** to visualize REITs data, increasing decision-making efficiency by **25%**.
- Designed and maintained **CI/CD pipelines** using **Azure DevOps** for seamless data ingestion in an **Agile environment**, advancing strategic planning by **20%** through improved data aggregation.
- Utilized **A/B testing** to optimize REITs fund performance analytics, enhancing predictive accuracy and market forecasting by **15%**.

Juniper Networks   Bengaluru, India
Data Analyst   *Jul 2020 – Jan 2023*
- Collected and processed data using **SQL**, **Alteryx**, which boosted **Tableau dashboard** accuracy by **25%** while enhancing data-driven decisions across the GS team (Global Business Operations).
- Crafted a **Tableau dashboard** for project risks and sprint data, improving operational efficiency by **33%**.
- Built a **PS/AS Credits Tableau dashboard**, refining PM team productivity by **23%** with detailed client credit insights.
- Developed **7+ Tableau dashboards** in the **financial domain** with **38-43 daily viewers,** extensively used by PM and business operations teams, enhancing data accessibility and supporting informed decision-making.
- Led the development of "**Job Rotation Tool**" with **Power Apps**, streamlining job opportunities and elevating agility by **21%**.
- Oversaw the design of **15+ Power Apps** tools with **35-40 daily interactions each**, widely adopted by the GS team to optimize workflows and improve operational efficiency, increasing by **35%**.

Juniper Networks   Bengaluru, India
Data Analyst Intern (Global Business Operations)   *Jan 2020 – June 2020*
- Designed **CALA theater dashboard** with **15-19 daily views**, strengthening business operations efficiency by **30%**.
- Automated reporting processes using **Python,** saving over **10+ hours per week** while enhancing report generation efficiency.

TECHNICAL SKILLS

Languages: Python, SQL, Java, JavaScript, HTML/CSS, C++
Frameworks/Libraries: Pandas, NumPy, Scikit-learn, TensorFlow, OpenCV, PyTorch
BI Tools/Frameworks: Tableau, Power BI, Matplotlib, Plotly
Database: MySQL, MongoDB, Microsoft SQL Server, SharePoint
Automation & ETL Tools: Power Apps, Power Automate, Alteryx, Excel

PROJECT EXPERIENCE

SQL Interview Preparation Tool | Python, LangChain, FAISS, Google GenAI, Streamlit, LLM (GitHub)
- Developed an interactive web application using **LangChain's ChatGroq model ("Llama3-8b-8192")** to provide accurate, context-based answers for SQL interview questions.
- Refined document embedding and retrieval with **Google GenAI** and **FAISS**, improving SQL response accuracy and speed.

Machine Learning Approach to Fake Job Classification | Python, scikit-learn, NLP, NLTK, TF-IDF, lemmatization (GitHub)
- Developed **ML models** (logistic regression, SVM, KNN, random forest), achieving **92% accuracy** in fake job classification.
- Leveraged **NLTK** and **TF-IDF**, improving recall by **18%** for detecting fraudulent postings.
- Optimized **decision tree** model with a recall of **0.87**, enhancing fraud detection.