

Pranav Ramesh

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SUMMARY

Results-driven data professional actively looking for full-time opportunities, ready to join immediately, and eager to leverage expertise in Data Science and Machine Learning to drive impactful solutions.

EDUCATION

San Jose State University

M.S., Data Analytics; GPA: 3.58/4.00

San Jose, USA

Dec 2024

Coursework: Statistics, Data Visualization, DBMS, Machine Learning, Natural Language Processing, Deep Learning, Data Mining

Dr. Ambedkar Institute of Technology

B.E., Computer Science and Engineering; GPA: 4.00/4.00

Bengaluru, India

Aug 2020

Coursework: Mathematics, Python, Cloud Computing, SQL, Web Technologies, Business Intelligence

WORK EXPERIENCE

MarketMakerCRE

Data Scientist Intern

Pensacola, USA

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 **2 Tableau dashboards**, reducing decision-making time by **25%**, used by **20+ business leaders** weekly for analysis.
- Led and maintained **CI/CD pipelines** with **Azure DevOps** for seamless data ingestion in an **Agile** environment, improving data aggregation and advancing strategic planning by **20%**.
- Conducted **A/B testing** on XGBoost variations, reducing **RMSE** by **1.2%** and increasing fund profitability by **3%**.

Juniper Networks

Data Analyst

Bengaluru, India

Jul 2020 – Jan 2023

- Collected and pre-processed large data using **SQL, Alteryx**, boosting accuracy of **WaR (Work at Risk) Tableau dashboard** by **25%** while enhancing data-driven decisions across the GS team (Global Services).
- Analyzed service delivery data for **1700+ client engagements**, driving a **20%** increase in **client satisfaction**.
- Crafted a **Sprint Analysis & Risk Tableau dashboard** empowering **60+** team members in informed decisions.
- Built a **PS/AS Credits Tableau dashboard**, refining PM team productivity by **23%** with **600+** detailed client credit insights.
- Developed **7 financial Tableau dashboards** with **43+ daily viewers**, driving a **20%** increase in user engagement and streamlining financial decision-making for **100+** stakeholders globally.
- Led a cross-functional team to build **15 Power Apps** tools with **80+ daily interactions each**, adopted by the GS team to optimize workflows and improve operational efficiency by **33%**.

Juniper Networks

Data Analyst Intern

Bengaluru, India

Jan 2020 – June 2020

- Designed **CALA Scoping dashboard** with **15+ daily views**, strengthening business operations efficiency by **30%**.
- Automated reporting processes using **Python**, saving over **10+ hours per week** and 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 Management Systems: 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.
- Optimized **decision tree** model with a recall of **0.87**, enhancing fraud detection.