

Raja Safi

rajasafi732@gmail.com | 8450906647

EDUCATION

IIIT VADODARA

B.TECH IN COMPUTER SCIENCE

2020-2024 | Gandhinagar, India

CPI: 6.9/10.00

LINKS

Github:// [rajasafi](#)

LinkedIn:// [Raja Safi](#)

Kaggle:// [RAJA SAFI](#)

COURSEWORK

Data Structure And Algorithm

Artificial Intelligence

Operating Systems

Database Management System

Computer Networks

Machine Learning

TECHNICAL SKILLS:

LANGUAGES

• Java • Python • HTML5

TOOLS & LIBRARIES

• Numpy • Pandas • Scikit-learn •
Data Visualization • NLTK • Power BI
• RestApi • Django • Postman
• Bootstrap

MISCELLANEOUS

• Git • Linux • LaTeX • Microsoft
Visual Studio Code • Microsoft Office

DATABASE

• MySQL • SQLite • PostgreSQL

DOMAIN KNOWLEDGE

• Data Science • Django Developer •
Large Language Models (LLMs) •
Machine Learning • NLP Engineering
• Data Analyst

STRENGTHS

• Technical Proficiency • Team
Collaboration • Adaptability •
Innovation • Attention to Detail •
Time Management

CAREER OBJECTIVE

Aspiring **Data Scientist & Python Developer** skilled in ML, NLP, LLM technologies and statistical analysis. Proven in predictive modeling (97% accuracy), Django development, and data-driven solutions. Passionate about transforming insights into scalable applications and advancing innovation through advanced analytics.

WORK EXPERIENCE:

CERVICAL SPINE FRACTURE DETECTION | Research Intern Jan 2023 - July 2023

- Conducted a **7-month** research internship focusing on cervical spine fracture detection using CNNs.
- Boosted CNN model accuracy from **84%** to **97%** on cervical spine CT scans, enabling faster diagnosis.
- Cut computational costs by **10%** via EfficientNet-V2 optimization -**CSFD-Link**

MANGOSORANGE PVT.LTD | Software Developer Jan 2024 - Aug 2024

- Delivered **89%** accuracy in duplicate question detection using Scikit-learn and NLTK, enhancing platform efficiency
- Improved model performance by **6%** with feature engineering and T-SNE selection.
- Engineered a machine learning model leveraging feature engineering and T-SNE for **9%** performance improvement
- Increased effectiveness in predicting similarity by **25%**.

PROJECTS

DUPLICATE QUESTION PAIR DETECTION - QPS CODE-LINK

- Achieved **89%** accuracy in question similarity prediction using advanced machine learning techniques.
- Enhanced question similarity prediction accuracy by **6%** through feature engineering, reducing false positives by **25%**
- Developed a robust **16-feature** model, improving accuracy by **9%** over alternatives.
- Reduced classification errors by **25%**, optimizing question-answering efficiency.

SHOPNEX E-COMMERCE - SNECOM-LINK

- Developed a full-stack e-commerce website using **Django**, integrating user authentication, product management, and a session-based persistent shopping cart.
- Streamlined order processing with **95%** checkout success rate using payment gateways and automated shipping/billing workflows.
- Designed a scalable **PostgreSQL** database for 10,000+ products and user data, achieving **98%** query efficiency via Django ORM.
- Designed secure authentication workflows using Django and JWT tokens with editable details, password reset, and order history tracking for 500+ registered users.
- *Tech: Django, PostgreSQL, HTML/CSS, JavaScript, Payment APIs, Bootstrap.*