PRANAV K R

📞 7339391846   ✉ pranavrama12@gmail.com   in linkedin.com/Pranavkr   ○ github.com/Pranav

Education

SRM UNIVERSITY	Sep 2021 - Jun 2025
BTech In Computer Science And Engineering (GPA: 9.40 / 10.00)	*Chennai, Tamil Nadu*
AKSHAYA ACADEMY	Jun 2020 - May 2021
Senior School Certificate Examination in Biology and Mathematics	*Dindigul, Tamil Nadu*

Experience

Prepinsta — Dec 2023 – Feb 2023
Data Analyst
- Conducting Data Cleaning and Manipulation tasks, processing approximately 5000 records to ensure data accuracy and reliability.
- Implementing Data Visualization techniques in Python, creating interactive visualizations to analyze trends and patterns in a real-world dataset containing over 10,000 data points.

Mentorness — Jan 2024 – Feb 2024
Machine Learning Engineer
- Submitted articles for publication, contributing to the dissemination of knowledge in the field of machine learning.
- Completed two impactful projects: "Prediction for Credit Card Approval" and "Sales Forecasting for Furniture Store," achieving a combined accuracy rate of over 90%.

Projects

Netflix Tableau Dashboard | *Tableau, Data Cleaning and Preprocessing, Statistical Analysis*   github.com/pranav20
- Transformed a diverse dataset with 20,000 rows and 35 columns from Google into an interactive Tableau dashboard, showcasing my expertise in meticulous data cleaning, visualization design, and data-driven decision-making for optimal content strategies.

Brain Tumor Detection | *Deep Learning, Python, TensorFlow, OpenCV*   github.com/pranavkr
- Developed a Brain Tumor Detection system leveraging libraries like OpenCV, Pillow, and TensorFlow. The model, implemented through TensorFlow, accurately detects tumor presence in MRI images, achieving a detection accuracy of approximately 95%.
- OpenCV facilitates image processing methods such as marker-based watershed segmentation to visualize the tumor region accurately, enhancing diagnostic capabilities for medical professionals.

Project Name 3 | *Python, Flask, Jinja2, Firebase, Bootstrap*
- Contributed to an open-source project on GitHub, collaborating with a global community and achieving 500+ stars and 50 forks.
- Implemented automated testing for a critical module using Selenium, reducing regression bugs by 30% and ensuring a more stable release cycle.

Technical Skills

Languages: Python, R
Databases: MySQL, MongoDB
Analysis Tools: Tableau, PowerBI, Google Sheets, Excel (advanced formulas, pivot tables, VBA).
Machine Learning And Deep Learning

Courses And Training

Google Advanced Data Analytics | *Coursera*   J24ZDS4AVDPS-Certificate
- Attained competency in exploring large datasets, building models, and extracting insights through hands-on, practice-based courses.

Become a Data Analyst | *Linkedin Learning*   Linkedin-learning
- Acquired comprehensive proficiency in essential data analysis techniques, such as data querying, exploratory data analysis, regression analysis, and data visualization, through hands-on exercises and practical applications provided in the course.