





RAJA PANDI S

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EDUCATION

Bachelor of Technology - Information Technology CGPA : 8.2 2021 - Present
Vel Tech High Tech Dr.Rangarajan Dr.Sakunthala Engineering College

Honours - Cyber Security 2023 - Present
Vel Tech High Tech Dr.Rangarajan Dr.Sakunthala Engineering College

INTERNSHIPS

Machine Learning with Python - Acmegrade Jan 2023 - Feb 2023
Trainee

- User acquired skills in data preprocessing and implemented algorithms like **Logistic Regression, Decision Trees, K-Nearest Neighbors, Naive Bayes, Random Forest, SVM, K-Means, PCA**, and **LDA**, using **Cross-validation** and **K-fold** techniques for robust model evaluation and validation.

Data Science using Python - NSIC. Ltd Dec 2023 - Jan 2024
Trainee

- User gained expertise in Python libraries like **NumPy, Pandas**, and **Matplotlib** for data analysis and visualization, enhanced core Python skills, and learned to use **Pickle** for data serialization and storage.

SKILLS

Programming Language : Python

Web Development : HTML, CSS, Django

Data Science and Machine Learning : NumPy, Pandas, Matplotlib, Seaborn, Sci-kit learn, Natural Language Processing, Streamlit

Database and Automation : MySQL, Web Scraping

Professional Skills: Leadership, Continuous Learning, Problem Solving, Adaptability


PROJECTS

SNAPGRADE: CGPA & GPA Calculator from Marksheet Photos  [Code](#)  [Link](#)

- **Abstract**: Developed a Python application for extracting and processing text from marksheet images, calculating CGPA/GPA via Streamlit web app deployed on Streamlit Cloud.
- **Tools Used**: Python, Pytesseract, OpenCV, Streamlit.

Amazon Price Monitoring and Review Authentication System  [Code](#)  [Link](#)

- **Abstract**: Developed a Streamlit app to track prices and authenticate reviews using web scraping and NLP, with visualizations for price trends and sentiment analysis.
- **Tools Used**: Streamlit, BeautifulSoup, NLTK, Matplotlib.

Spam Text Classification Using Python  [Code](#)  [Link](#)

- **Abstract**: Developed a Python-based spam text classification model with 95% accuracy using NLP techniques and a Random Forest Classifier, deployed via a Streamlit web app for real-time predictions.
- **Tools Used**: Python, NLP, Random Forest Classifier, Streamlit.

WORKSHOPS

- AI/ML Workshop Held at SSN Engineering - Dec 2024
- Scrum Master Workshop at Velammal Engineering - Nov 2023

ACHIEVEMENTS

- Diodez'24 Debugging Codeathon- Runner up at Saveetha Engineering College - Jan 2024
- Internal Codeathon Winner - Aug 2024
- Internal Codeathon 2nd Runner - April 2024
- Won 2nd Prize at Internal Smart India - Sep 2024

CERTIFICATIONS

- Database Management Systems - NPTEL - March 2023
- Cyber Security and Privacy - NPTEL - Oct 2023
- Privacy and Security in Online Social Media - NPTEL - May 2024