



RAJA PANDI S

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PROFILE

Highly motivated and enthusiastic Software Engineering student seeking an internship position to apply and further develop technical skills in a professional environment. Eager to contribute to innovative projects while gaining practical experience in software development.

EDUCATION

Vel Tech High Tech Dr.Rangarajan Dr.Sakunthala Engineering College

Bachelor of Technology - Information Technology; CGPA : **8.15**

Velammal Vidyalaya Viraganoor

12th Std; Score : **87.8%**

Velammal Vidyalaya Viraganoor

10th Std; Score : **86.2%**

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

PROJECTS

SNAPGRADE: CGPA & GPA Calculator from Marksheet Photos

 [Code](#)

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

Amazon Price Monitoring and Review Authentication System

 [Code](#)

- **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](#)

- **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.

Banking System Management using Servlets

 [Code](#)

- **Abstract:** Developed a banking system using Java servlets, JSP, and MySQL, featuring user functions for signup, login, transactions, balance inquiry, password changes, transaction history, and user details, along with admin capabilities for modifying and deleting user details and viewing user transactions.
- **Tools Used:** Java Servlets, JSP, JDBC, MySQL.

INTERSHIPS

Machine Learning with Python - Acmegrade

- Acquired skills in data preprocessing and implemented various algorithms including **Logistic regression**, **Decision trees**, **K-nearest neighbors**, and **Naive Bayes**.
- Applied **Random Forest**, **SVM**, **K-Means**, **PCA**, **LDA**, and used **Cross-validation** and **K-fold** techniques for robust model evaluation and validation.

Data Science using Python - NSIC. Ltd

- Gained expertise in Python libraries such as **NumPy**, **Pandas**, and **Matplotlib** for data analysis and visualization.
- Enhanced core Python skills and learned to use **Pickle** for data serialization and storage.

WORKSHOPS

- AI/ML Workshop Held at SSN Engineering College
- Scrum Master Workshop at Velammal Engineering College

ACHIEVEMENTS

- Diodez'24 Debugging Codeathon- Runner Up
- Internal Codeathon 2nd Runner-up

CERTIFICATIONS

- Database Management Systems - NPTEL
- Cyber Security and Privacy - NPTEL
- Privacy and Security in Online Social Media - NPTEL