




# RAJA PANDI S

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## CAREER OBJECTIVE

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Highly motivated and enthusiastic Software Engineering student seeking a 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

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

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

**12th Std** Percentage : **87.8%**

Velammal Vidyalaya Viraganoor (CBSE)

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

Velammal Vidyalaya Viraganoor (CBSE)

## PROJECTS

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### 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 AWS.
- **Tools Used:** Python, Pytesseract, OpenCV, Streamlit, AWS.

### 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.

## INTERSHIPS

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### 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.

## SKILLS

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**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

## WORKSHOPS

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

## ACHIEVEMENTS

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- Diodez'24 Debugging Codeathon- Runner Up at Saveetha Engineering College
- Internal Codeathon 2nd Runner-up

## CERTIFICATIONS

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