

# RAGAVI V



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[Github](#)



[Linkedin](#)



[Portfolio](#)

## ABOUT ME

I am an aspiring professional in Artificial Intelligence and Data Science with robust technical expertise and an intermediate programming background. Committed to continuous learning and collaborative teamwork, I excel in leveraging technology for impactful outcomes. I am eager to contribute my skills to an innovative organization that values creativity, fosters professional development, and excels in delivering measurable achievements.

## EXPERIENCE

### NSIC-Technical Services Centre | IoT Intern

June 2023

#### IOT USING RASPBERRY PI

- Engineered an IoT application for real-time room temperature monitoring, achieving a 90% efficiency boost through continuous monitoring, data analysis, and dynamic temperature visualization.

### NSIC-Technical Services Centre | App Development Intern

Dec 2022

#### ANDROID APPLICATION DEVELOPMENT

- Crafted a user-friendly UI for a Coffee Booking Application using Android Studio and XML, ensuring seamless navigation and captivating design elements that amplified user satisfaction by 92%.

## PROJECTS

### Skin Disease Classification

- Utilized a convolutional neural network (CNN) architecture with Keras to achieve 95% accuracy in skin disease classification.
- Validated model performance through rigorous testing, demonstrating potential for early diagnosis and treatment recommendations.

### Personal Portfolio Website

- Created a responsive personal portfolio website with HTML, CSS, and JavaScript, enhancing user experience with interactive navigation.
- Deployed on GitHub Pages for optimal accessibility to showcase my projects and skills.

### Plagiarism Checker

- Designed a plagiarism checker using Python and NLP techniques.
- Implemented advanced algorithms, including cosine similarity and fingerprinting, to detect and highlight matching phrases.
- Built an intuitive interface with Flask for easy text submission and real-time comparison results.

### Comprehensive Job Market Analysis Dashboard

- Imported and integrated job market data using Power BI's data connectors.
- Created interactive dashboards with visualizations such as bar charts, line graphs, pie charts, and maps.
- Implemented slicers and filters for dynamic exploration by industry, location, job type, and company size.

## DECLARATION

I hereby declare that the information provided above is true to the best of my knowledge and belief.

## EDUCATION

### KPR Institute of Engineering and Technology

B.Tech - Artificial Intelligence and Data Science

2021 - 2025 | CGPA: 8

### Bharathi Matriculation Higher Secondary School

HSC -May 2021 | Percentage: 92.46%

SSLC -March 2019 | Percentage: 90.4%

## SKILLS

### Technical Skills:

- Languages: Java, HTML, CSS, JavaScript,
- Database: SQL
- Tools: Power BI, Visual Studio Code, Colab, Github.
- Documentation: Word, PowerPoint, Excel

### Soft Skills:

- Team Player, Problem Solving, Leadership Communication, Time Management

## CERTIFICATIONS

- Python for Data Analysis: Pandas & NumPy - Coursera
- Introduction to Data Analytics - SkillUp
- Web Development Framework Training - Xebia
- Java Course: Mastering the Fundamentals - Scalar
- Server-side Development - L&T Edutech
- Cyber Security and Privacy - NPTEL
- Solving problems on platforms like HackerRank, LeetCode, InterviewBit, eBox

## VOLUNTEERING

- Acted as an Eco Club coordinator.
- Coordinator for Fiestaa-21, an annual event.
- Awarded as Outstanding Volunteer in the Department

## AREA OF INTEREST

- Data Analytics
- Front-end Development