Pooja Venkatesh Naik

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github.com/8905096423

Education

RNS Institute of Technology   **2021 - 2025**
B.E. in Computer Science and Engineering

Siddhartha Pre-University College   **2019 - 2021**
12th Grade (Percentage: 94.67)

Relevant Coursework

- Data Structures
- Algorithms Analysis
- Operating Systems
- Object-Oriented Concepts
- Software Engineering
- Database Management
- Computer Networks
- Computer Architecture

Key Expertise

C, C++, Python, JavaScript, HTML, CSS, Flask, Django, React.js, MySQL,Git

Experience

Nokia   **June 2024 – December 2024**
Consultancy projet   *Bengaluru, Karnataka*

- Designed and developed the user interface (UI) for an Android mobile app to monitor network optimization using React Native.

Projects

Data Capture and Management in Agriculture Fields (Team size: 4)   **April 2024 - Ongoing**

- Technology Stack: Python, HTML, CSS, JavaScript, Django, MySQL
- Developed a hierarchical data management system for hybrid plant lineage for **Chiguru Seeds Pvt Ltd.**
- Designed an intuitive interface for seamless data navigation and management.
- Built a real-time solution to optimize agricultural data workflows.

Automated Classification of HIV Tri-Dot Test Images(Team size:4)   **Nov 2023 - Feb 2024**

- Technology Stack: Python, PyTorch, ResNet50, Numpy, Pandas, Flask, HTML, CSS, JavaScript
- Built a machine learning model using PyTorch and ResNet50 to classify HIV Tri-Dot test images for **Anand Diagnostic Laboratory**.
- Developed a web interface for healthcare professionals to upload and classify test images.
- Provided a real-world solution to assist in HIV diagnosis and streamline healthcare workflows.

Women Self Help Group Management System (Team size: 3)   **16 Feb, 2024 - 20 Apr, 2024**

- https://github.com/8905096423/Women-self-help-group-management-system
- Technologies: HTML, CSS, Bootstrap, JavaScript, React.js, Flask, MySQL
- Developed a digital platform for managing women's self-help groups (SHGs).
- Ensured transparency in financial transactions like savings, loans, and repayments to empower women economically.
- Implemented data analytics for insights into group performance and financial patterns, using predictive analytics for resource optimization.

Iris Flower Classification (Team size: 4)   **Jan 2023- Feb 2023**

- https://github.com/8905096423/Iris_Flower-Classification
- Developed C-based system for Iris flower classification using multiple metrics.
- Preprocessed Iris dataset and designed real-time classification interface.
- Enhanced skills in algorithms and comparative analysis.

Online Shopping (Team size: 2)   **Dec 2022 - Jan 2023**

- https://github.com/8905096423/Online-Shopping
- Created C program for online shopping simulation with user management, product search, and payment processing.
- Used structs and arrays for organizing data and improved C programming skills.

Extracurricular

- Published in IJCOA, June 2023, on AI and IoT integration's impact across sectors like business and healthcare.

- Achieved NMMS exam qualification in 8th grade.

- Practiced Yoga regularly, demonstrating discipline and commitment to health and wellness.

- Enjoyed drawing and sketching as hobbies.

- Leadership,Project Management ,Time Management