

JIYA SINGH

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OBJECTIVE

B.Tech. in Computer Science and Engineering (3rd Year), seeking for Internship.

EDUCATION

Bachelor of Technology in Computer Science and Engineering
VIT Bhopal University, M.P.

Expected 2027
Current CGPA: 9.03

Class X
Sun International School, Jhansi, U.P.

15/07/2020
Percentage: 94%(Aggregate)

Class XII
Mahatma Hansraj Modern School, Jhansi, U.P.

22/07/2022
Percentage: 88%(Aggregate)

SKILLS

Technical Skills C++ language, Java language, Python language, HTML, CSS

Soft Skills Communication, Teamwork, Problem-Solving, Adaptability, Time Management, Emotional Intelligence, Creativity, Work Ethics

CERTIFICATIONS

- Certificate of **Robotics conducted by Techkriti'24**, Annual Technical and Entrepreneurial festival, **IIT Kanpur**
- Certificate of **Artificial Intelligence conducted by Techkriti'24**, Annual Technical and Entrepreneurial festival, **IIT Kanpur**
- Awarded with the certificate of achievement for the successful completion of **SAWIT.AI Learnathon Program** held on 21st September 2024; supported by **Women Techmakers Google for Developers** and **HCLTech**
- Certificate of Python (Basic) by HackerRank
- Certificate of Problem Solving (Basic) by HackerRank
- Certified in the Beginning C++ Programming - From Beginner to Beyond course from Udemy platform
- Certified in the **Introduction to Artificial Intelligence (AI) - IBM** from Coursera

PROJECT

FARM MANAGEMENT SYSTEM WEBSITE: FARMIFY

- The Farm Management System is a holistic application dedicated to flushing and streamlining the process of farm management.
- Responsive web design constructed using HTML and CSS. Interactive facilities are programmed into the site using JavaScript, enriching the user interface. The website's backend is powered by Node.js.
- Backend with facilities for a database like MongoDB allows storage and retrieval of records of crops, inventory, and schedules.
- API integration: Weather is acquired via Open Weather Map API, providing real-time updates that are crucial in decision-making.
- Implemented a crop scheduling feature on the Farm Management System website, enabling efficient crop planning and providing relevant crop-specific information.
- Farmify Chatbot:
 - Answer farmers' questions about crop schedules, soil health, inventory, and weather updates.
 - Help users navigate the website, such as managing crop plans or checking notifications

AI-Powered Disease Prediction Platform: MediPred

- Engineered and launched a full-stack web application with Python/Flask backend and TypeScript/HTML/CSS frontend, enabling users to assess disease likelihood based on symptoms.
- Built and integrated machine learning models (trained with scikit-learn and managed efficiently with Pandas) to accurately predict diabetes, Parkinson's disease, heart disease, and mental illness.
- Designed a highly responsive and intuitive user interface, optimizing for seamless interaction and clear presentation of preliminary health insights.
- Enabled proactive health management by providing quick, accessible, and actionable preliminary diagnostic results.

EXTRA-CURRICULAR ACTIVITY

- Sketching
- Listening Songs
- Playing Badminton

LANGUAGE

- English
- Hindi