

Aryan Raj

+91-9555765633 | araj47616@gmail.com | linkedin.com/in/aryan-raj-91b399250/ | github.com/4ryn

ABOUT ME

I am currently a Third-year B.Tech CSE student with strong proficiency in Python, C++, and a solid grasp of data structures and algorithms. Passionate about exploring and applying cutting-edge technologies to solve real-world problems. I stay continuously updated on the latest trends in AI and ML, ensuring I evolve alongside the field. A quick learner and motivated team player, eager to contribute meaningfully to innovative tech solutions.

TECHNICAL SKILLS

Languages: C++, Python, JavaScript, HTML/CSS

Frameworks: Flask, ReactJS

Tools: Postman, Git, GitHub, PowerBI

Areas of Interest: AI/ML, Web Development

EDUCATION

VIT Bhopal University

Bhopal, MP

B.Tech. in Computer Science Engineering (AI/ML Specialization)

Sep 2022 – May 2026

- **CGPA:** 9.02

EXPERIENCE

Open Source Contributor

June 2024 – August 2024

GirlScript Summer of Code (GSSOC'24)

- Contributed to open-source projects in Machine Learning and Deep Learning.
- Conducted thorough testing and debugging to ensure high-quality code.
- Wrote detailed documentation and user guides.

PROJECTS

Multi-Agent AI Model for Job Recruitment

Python, Flask, NLP, APIs

- Developed a multi-agent AI system to automate job recruitment, categorizing candidates based on skills and experience.
- Implemented email automation for personalized communication on job matches and application status.
- Deployed the system as a Flask-based web application for seamless user interaction.

Kisan Sathi Website

Flask, React.js, Python

- Created an AI-powered platform for crop and fertilizer recommendations based on soil and climate data.
- Integrated real-time weather forecasting to assist farmers with irrigation and planning.
- Implemented a news section for timely updates on agriculture, government schemes, and market trends.

Plant Leaf Disease Detection System

Python, TensorFlow, Deep Learning (CNN)

- Developed a deep learning model to classify plant diseases from leaf images.
- Implemented CNN-based architecture for feature extraction and prediction.
- Preprocessed image datasets to improve model training efficiency.

Job Interview Preparation Chatbot

Flask, PyTorch, NLP, Python

- Built an AI chatbot to help students prepare for job interviews with mock interviews and Q&A practice.
- Leveraged PyTorch NLP models to analyze inputs and simulate real interview scenarios.
- Developed a Flask-based interface for tracking progress and user interaction.

CERTIFICATIONS

- * Applied Machine Learning in Python, Coursera
- * GEN AI Using IBM Watsonx
- * Postman API Fundamentals Student Expert, Postman
- * Generative Design Foundations, LinkedIn
- * Artificial Intelligence for Students, LinkedIn
- * MongoDB Node.js Developer Path for SmartBridge