Aryan Raj

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TECHNICAL SKILLS

Languages: C++, Python, JavaScript, HTML/CSS
Libraries: C++ STL, Python Libraries
Frameworks: Flask, ReactJS
Tools: Node.js, Postman, Git, GitHub, PowerBI
Cloud/Databases: MongoDB, PostgreSQL
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, Email 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.

Online Bookstore Web Application   MERN Stack, Firebase, Tailwind CSS
- Built a dynamic online bookstore with features for browsing, cart management, and order placement.
- Integrated Firebase authentication with Email/Password and Google OAuth for secure user login.
- Developed an admin panel for inventory management, sales analytics, and CRUD operations.

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

* MongoDB Node.js Developer Path for SmartBridge
* 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