

Aryan Raj

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

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

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

• **CGPA:** 9.02

Bhopal, MP

Sep 2022 – May 2026

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

CookChef-Cooking Recipe Finder Website

HTML, CSS, JavaScript, React, NLTK

- Implemented real-time search and dietary filters for personalized suggestions..
- Designed a responsive UI with an intuitive user experience.
- Integrated an NLP-based chatbot for customer engagement and recommendations.

Virtual Stylist Website

MongoDB, Express.js, React.js, and Node.js

- Implemented AI-driven outfit suggestions based on user preferences, body type, and trends.
- Our system provided users with a virtual outfit-trying method through an interactive drag-and-drop system.
- The system enables safe login and personalized features through JWT integrated user authentication.
- The system links to e-commerce APIs to allow users to buy recommended clothing items from within this platform.

Malicious URL Prediction Website

Python, HTML/CSS, Flask, ML

- Engineered a machine learning-powered system to classify URLs as malicious or safe, improving cybersecurity threat detection.
- Developed a Flask-based web application for real-time URL analysis with an intuitive user interface.
- Integrated advanced ML algorithms to enhance classification accuracy, reducing false positives.
- Designed a sleek, responsive UI using HTML, CSS, and JavaScript for seamless user experience.

CookSphere

MongoDB, Express.js, React.js, and Node.js

- Created the e-commerce platform CookSphere which sells kitchenware through an online system..
- Developed a front-end using React.js to deliver an interactive platform along with UI/UX improvements for better navigation together with an attractive interface.
- Built a strong backend system using Node.js together with Express.js for user authentication along with order control along with safe payment processing systems.
- The solution employed MongoDB because it delivered immediate product searches with optimized queries along with inventory tracking in real-time.

CERTIFICATIONS

- Applied Machine Learning in Python (Coursera)
- Generative Design Foundations (LinkedIn)
- Artificial Intelligence for Students (LinkedIn)
- Postman API Fundamentals Student Expert (Postman)