

Ritesh Solke

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Aspiring Full-Stack Web Developer with experience in building responsive interfaces and scalable backend systems. Skilled in modern web frameworks, API integration, and database management, with a strong foundation in DSA and user-focused design.

Education

Jayawantrao Sawant College Of Engineering, BE in Computer Engineering

2023 – 2027

- GPA: 9.05/10.0

Experience

AI Robotics Club

Nov 2024 – Jan 2025

- **Crop Disease Prediction Web App** – Built a responsive platform using React and Flask to identify plant diseases via image inputs using ML models; delivered real-time predictions and intuitive UX.
- **E-commerce Website for Mechanical Components** – Developed a full-stack product catalog and shopping interface using HTML, CSS, JavaScript, and MongoDB; optimized for client requirements and deployment.
- **Web Development Freelancing** – Built and delivered two full-stack projects involving both frontend and backend development.

Projects

Health Monitor System

GitHub

- Built a health monitoring platform with disease prediction, chatbot interaction, and visual health analytics.
- Integrated ML models using Flask APIs; developed frontend with React.js, and Streamlit; used MongoDB for storage.

AI Voice Assistant Web App

GitHub

- Developed a browser-based voice assistant using Speech Recognition API for executing real-time commands.
- Built with React.js for a responsive UI and enhanced accessibility.

Sentiment Analysis Dashboard

GitHub

- Created a real-time sentiment analysis dashboard for processing user reviews and visualizing sentiment polarity.
- Implemented using FastAPI (backend), React.js (frontend), and MongoDB for live data management.

Technologies

Languages: Python, C++, HTML, CSS, Javascript, SQL.

Web Development: HTML, CSS, JavaScript, Bootstrap, React.js.

Backend & Databases: FastAPI, Flask, MySQL, MongoDB.

Tools & Platforms: Git, GitHub, VS Code, Vercel, Figma.

Other: Data Structures & Algorithms, SEO.

Certifications

Free Code Camp: Web Development Course Certification.

Udemy: CSS, Javascript and Bootstrap

Udemy: Python Flask Framework.

LetsUpgrade: Git and GitHub

HackerRank: Python Certification.

MongoDB: Introduction to MongoDB.