

Sahil Vishnu Malavi

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📁 Portfolio

PROFESSIONAL SUMMARY

Full-Stack Developer skilled in MERN Stack and AI/ML. Built 10+ projects with measurable impact, including an NLP-driven bookstore (85% accuracy) and AI chatbot (40% engagement boost). Google Cloud and Postman API certified.

TECHNICAL SKILLS

- **Programming Languages:** C, C++, Java, Python, JavaScript, SQL
- **Web Development Technologies & Frameworks:** HTML, CSS, JavaScript, React.js, Node.js, Express.js, REST APIs
- **AI & Machine Learning:** TensorFlow, Keras, Scikit-learn, Pandas, NumPy, Matplotlib
- **Technologies & Tools:** MongoDB, Flask, Git, GitHub, Streamlit, Android Studio

PROJECTS

- MechHelp – Online Mechanic Services | [GitHub](#)** (2025)
- Built a MERN stack platform enabling users to discover and contact available mechanics within a **50 km radius** during vehicle breakdowns.
 - Integrated real-time geolocation, role-based dashboards, and mechanic subscription system.
 - Successfully onboarded and tested with **25+ mechanics** and **50+ users** during pilot deployment.
 - **Technologies:** React.js, Node.js, Express.js, MongoDB, React Leaflet, JWT.
- Book Store - Book Recommendation System with Sentiment Analysis | [Live Demo](#)** (2024)
- Developed a bookstore application featuring 50+ books and user reviews.
 - Implemented sentiment analysis with a recommendation system using NLP models.
 - **Technologies:** React.js, Node.js, Express.js, MongoDB, Python, NLP.
- Rudra - Personal AI Assistant Chatbot | [Live Demo](#)** (2024)
- Created a text-based AI assistant capable of providing suggestions and engaging in conversation.
 - Implemented features like 'Ask to Image' for image interaction and 'Chat with PDF' for document-based queries, increasing **user engagement by 40%**.
 - **Technologies:** Gemini API, Python, Streamlit.

EXPERIENCE

- Open-Source Contributor | *GirlScript Summer of Code (GSSoC)'24*** Oct 2024 – Nov 2024
- Contributed to open-source projects by **debugging issues, developing new features, and optimizing code**.
 - Worked on projects using technologies such as Machine Learning, JavaScript, React.js, and Python.
- Data Analytics Intern | *Connecting Dreams Foundation | VOIS*** Oct 2024 – Nov 2024
- Applied **data analytics** techniques to derive actionable insights for strategic decision-making.
 - Gained hands-on experience in **data processing** and **visualization** over four weeks.
- AI-ML Intern | *India Edu Community by Google for Developers*** Apr 2024 – Jun 2024
- Strengthened foundational knowledge in **neural networks, deep learning, and data analytics**.

EDUCATION

- B.Tech in Computer Science and Engineering (Pursuing)** (2023-Present)
DKTE Society's Textile and Engineering Institute, Ichalkaranji CGPA- 8.36
- Diploma in Computer Engineering** (2020-2023)
Institute of Civil and Rural Engineering, Gargoti. 89.83 %
- 10th Grade (SSC)** (2019-2020)
Kisanrao More High School, Saravade 91.60 %

CERTIFICATIONS & ACHIEVEMENTS

- **Competitive Programming:** Solved 150+ coding problems on [LeetCode](#) and [GeeksforGeeks](#).
- **Internal Hackathon Winner:** Secured 1st place in the **Internal Smart India Hackathon**. (2024)
- **AI-ML Specialization:** Completed the **AI-ML Virtual Internship** by Google for Developers. (2024)
- **Cloud Computing Expertise:** Earned Google **Cloud Storage** Skill Badge. (2024)
- **API Development:** Achieved **Postman API** Fundamentals Student Expert certification. (2024)