

LAVISH RAHANGDALE

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Education

G.H. Raison College of Engineering and Management

B.Tech. in Artificial Intelligence and Machine Learning - CGPA: 6.80

Nagpur (MH), India
August 2022 - May 2026

Work Experience

Byte Uprise

Web Developer Engineer

Nagpur, India
April 2025 – May 2025

- Built and maintained responsive and interactive web applications using HTML, CSS, JavaScript, and Node.js.
- Collaborated in a team to enhance UI/UX design and cross-browser compatibility
- Implemented version control using Git and contributed to efficient deployment pipelines
- Participated in code reviews and optimized front-end performance.

Projects

AI Chatbot for Semantic Search Source code

[Source Code](#)

- Designed an AI chatbot for semantic search over 75+ scanned documents using OCR, NLP, and LangChain.
- Implemented theme tagging, and citation tracing features and deployed a clean, interactive interface using Streamlit for real-time user queries.

Blockchain Based E-Voting System Source code

- Designed secure decentralized vote casting app using Solidity smart contract, Node.js and MongoDB
- It enables secure, tamper-proof online elections using Ethereum blockchain

IoT-Based Smart Helmet System

- Built a real-time accident detection and alert system using ESP32, sensors (alcohol, temperature), and Node.js.
- Integrated MQTT/HTTP protocols for cloud communication
- Published in ACT-2025 (Phase I) conference.

Personal Portfolio Website

[Source Code](#)

- Built a professional portfolio site to showcase skills, projects, and resume
- Used HTML, CSS & JavaScript front-end language along with Firebase and MySQL for connection and backend features.

Accomplishments

- Published research paper on Smart Helmet System – ACT-2025 Phase I
- 1st Place – Tug of War Championship (RTMNU)
- **A Grade** – Skill Training on AI & ML

Courses/Skills

- **Languages/Frameworks:** C++, SQL, Python , MongoDB
- **Technical Expertise:** HTML5, LangChain, LangGraph, Git, GitHub, Web3.js, Solidity Data Structures and Algorithms, Operating Systems, Database Management System, Machine Learning, OOPs.
- **Tools & IDEs:** Visual Studio Code, Google Colab, Arduino IDE, Hadoop, Streamlit, Jupyter Notebooks.
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Hobbies/Interest

- Participating in college-level tournaments and athletics.
- Actively involved in social volunteering, focused on mentoring and promoting education in community.