

ROSHAN AWARI

Engineering Student | AI & ML Developer | Problem Solver

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LeetCode: <https://leetcode.com/u/IP4KIDC3ag/>

Portfolio: <https://portfolio-nud2.vercel.app/>

CAREER SUMMARY

I am an AI and Machine Learning enthusiast and an engineering student at Yeshwantrao Chavan College of Engineering (YCCE), Nagpur. I have a strong foundation in Data Structures and Algorithms, along with hands-on experience in machine learning and data analysis. I am passionate about building intelligent and scalable systems using Python and modern ML techniques. I enjoy writing clean, efficient code and applying analytical thinking to solve real-world problems in AI, data science, and software engineering.

EDUCATION

B-TECH IN COMPUTER SCIENCE & ENGINEERING(AIML)	YESHWANTRAO CHAVAN COLLEGE OF ENGINEERING, NAGPUR	2024 - 2028	CGPA: 8.9 (CURRENT)
HIGHER SECONDARY CERTIFICATE (12TH)	JANATA JR. COLLEGE, CHANDRAPUR	2023 - 2024	87.17%
SECONDARY SCHOOL CERTIFICATE (10TH)	JANATA HIGH SCHOOL, WANI	2021 - 2022	85.40%

TECHNICAL SKILLS

Programming Languages: Python, Java, C, C++, JavaScript, HTML & CSS

Machine Learning & Data Science: ML Algorithms, Scikit-Learn, Matplotlib & Seaborn, Pandas & NumPy

Web Technologies: React / Next.js, Tailwind CSS, Node.js

Databases: MySQL

Tools & Platforms: Git & GitHub, Anaconda, VS Code, Vercel, Neon

PROJECTS

Novagen Health Prediction [Link](#)

March 2026

Developed a comprehensive ML pipeline testing 10 classification algorithms for health risk assessment. Implemented data scaling, model training, and serialization achieving 95.5% accuracy with Gradient Boosting.

Tech Stack: Python, Pandas, Scikit-learn, Matplotlib, Jupyter Notebook

NextStepAI - AI Interview Coach [Link](#)

Dec 2025 - March 2026

Built a full-stack AI platform conducting voice-based mock interviews with real-time transcription and AI-powered response evaluation. Delivers structured feedback on technical accuracy, clarity, and confidence across multiple interview domains.

Tech Stack: React, Next.js, FastAPI, PostgreSQL, Tailwind CSS, Vapi ai, OpenAI

LoanSense - Loan Approval Predictor [Link](#)

Dec 2025 - Jan 2026

Created an end-to-end ML web application predicting loan eligibility based on applicant financial and demographic data. Integrated trained classification models with a Streamlit interface for real-time predictions.

Tech Stack: Python, Scikit-learn, Pandas, NumPy, Streamlit

Student Habits & Performance Analysis [Link](#)

Nov-2025

Performed exploratory data analysis to uncover relationships between student daily habits (study hours, attendance, sleep) and academic performance. Delivered actionable insights through statistical summaries and clear visualizations.

Tech Stack: Python, Pandas, NumPy, Matplotlib, Seaborn

ArogyaBot - Multilingual AI Ayurveda Wellness Chatbot [Link](#)

August 2025 - Oct 2025

Developed a full-stack AI wellness chatbot offering Ayurveda-based health guidance with auto language detection and voice input support. Integrated Supabase Edge Functions for scalable, real-time AI processing.

Tech Stack: React, TypeScript, Vite, Tailwind CSS, shadcn/ui, Supabase Edge Functions

ACHIEVEMENTS AND CERTIFICATIONS

PARTICIPATION

Hackathonix 2.0 (KDK College of Engineering) | **Enkryptia 2k26** (Government Polytechnic Nagpur) | **Abhyudaya 2025** (IIIT Nagpur) | **LCAT** (Labmentix) | **SIH Internal 2025** (YCCE & SIH)

ACHIEVEMENT

Sherlock Ohms (YCCE YASH 26.0) | **Cipher-Chase -2nd** (YCCE Upsurge 2K25) | **Semester Topper** (YCCE)

COMPLETION

JPMorgan Quant Research (JPMorgan Chase & Co.) | **IT Career Roadmap** (SkillEcted) | **SQL for Data Analysis** (Simplilearn) | **DSA Basics** (Simplilearn) | **Java Excellence** (CodeAlpha) | **RAG - IBM** (IBM SkillsBuild) | **Image Generation - Google** (Google Cloud) | **Lightroom** (Udemy) | **Data Structure Essentials** (VAC-YCCE)