

# MINAL GHATE

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## OBJECTIVE

Constantly seeking to engage my knowledge to learn something useful and keep challenging myself to be a better performer in accordance to the company's requirements. Good and quick learner, team player, love to learn new things, flexible with different technologies.

## SKILLS

- **Technical Skills:** Python, C, DBMS, Data Structures, Operating Systems, Machine Learning
  - **Data Analytics:** Power BI, Tableau, SQL, ETL, Excel
  - **Behavioral Skills:** Adaptability, Problem Solving, Time Management

EDUCATION

2022-2026	B.TECH in GH Raisoni University, Amravati (Computer Science Engineering)	7.5 CGPA
2022	12 <sup>th</sup> from Tiptop Convert, Nagpur	7.0 CGPA
2020	10 <sup>th</sup> from Saraswati Vidhyalay, Nagpur	8.5 CGPA

EXPERIENCE

Research Intern || Maharashtra Remote Sensing Application Centre, Nagpur

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Sept 2025 – Nov 2025

- Developed and tested YOLOv8-based plant disease detection system, achieving high-precision identification of 12+ crop diseases and enabling farmers to take timely corrective actions.
  - Implemented Random Forest crop recommendation model, improving crop selection accuracy by ~30% through analysis of soil (NPK, pH) and environmental parameters (temperature, rainfall).

## PROJECTS

- **AgriAssist Platform Development**

Built a precision agriculture solution using YOLOv8 for plant disease detection and Random Forest for crop recommendation, delivering real-time, data-driven insights.

Developed with Flask, ReactJS, MongoDB, and integrated climate APIs for scalable, user-friendly recommendations.

- #### • Business Insights through Sales Analytics

Performed EDA on sales datasets using Pandas, NumPy, Matplotlib, Seaborn to identify revenue trends, product performance, and customer preferences.

Created visual reports that guided inventory optimization, marketing strategies, and customer behavior analysis for data-driven decisions.

## CERTIFICATIONS

- **The Complete C Programming** - Sujithkumar MA
  - **Complete Data Analyst Bootcamp From Basics To Advanced** - Krish Naik

## HOBBIES

- Swimming - Football - Cooking - Coding