

# Prajwal Gurnule

Wardha, Maharashtra, India

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## EDUCATION

**Bajaj Institute of Technology, Wardha, Maharashtra**

*Bachelor of Technology in Computer Engineering*

Dec 2021 - Aug 2025

CGPA: 8.00 (Till Sem-VI)

## TECHNICAL SKILLS

**Languages:** Java, Python, C, HTML/CSS, JavaScript, PHP

**Databases:** MySQL, MongoDB, PostgreSQL, Firebase

**Frameworks:** React, Node.js, Next.js, Spring Boot, Flask, Streamlit, WordPress

**Developer Tools:** Git, GitHub, Figma, Canva, Arduino, VS Code, AWS Cloud Platform

**Soft Skills:** Leadership, Observation, Collaboration, Decision Making, Active Listening

## PROJECTS

**Naukri Sahayak** | *React, NextJs, Machine Learning, Gemini AI* | [Github](#) | [Live](#)

Sept 2024 - Nov 2024

- Built an **AI-powered Mock Interview** full-stack application with **React and Next.js**, enhancing interview preparation for job seekers with **40%** increase in user participation and **50%** better preparation outcomes.
- Enhanced users answer quality by **85%** using a custom ML model with **cosine similarity** and **Gemini AI** for feedback, and added **voice recording functionality** with real-time ratings via **React-Hook-Speech-to-Text**.
- Reduced disengagement by **95%** with a **webcam-based confidence tracker** to assess user's focus and attention and enhanced relevancy using **Gemini API** for domain-specific interview questions.

**Computational Drug Discovery** | *Python, Jupyter Notebook, Streamlit* | [Github](#)

Mar 2024 – May 2024

- Integrated a Robust **Masked Language Model** with efficiency of **60%** that using ChEMBL pharmacology data to **predict drug activity** based on chemical and molecular properties critical to effectiveness.
- Orchestrated the **drug binding affinity score by 75%** using Embedding and Clustering that is useful for pharmaceutical scientists to design drug.
- Developed a user-friendly **Streamlit web portal** with **90%** accessibility to filter FDA-approved drugs by Lipinski's Rule of Five, helping pharmaceutical researchers in **evaluating drug-likeness** via customizable parameters.

## WORK EXPERIENCE

**IBM SkillsBuild Artificial Intelligence Internship**

Aug 2023 – Oct 2023

*Edunet Foundation*

- Completed a 6-week virtual internship with AICTE and Edunet Foundation, gaining Python and ML expertise, and developed a sentiment analysis model that improved hotel review accuracy by 80%.

## POSITIONS OF RESPONSIBILITY

**Graphic Designer**

Aug 2023 – Aug 2024

*Google Developer Student Clubs (GDSC) BITW*

- Designed several e-posters and banners using Figma, Adobe Photoshop, and UI/UX principles, contributing to a 30% increase in engagement for seminar promotions.

**Graphic Committee In charge**

Aug 2023 – Aug 2024

*College Forum Network' BIT*

- Created visually impactful banners and posters using Figma and Adobe Photoshop for three major events, including the PC Building Auction, resulting in an increase of event attendance by over 200 participants.

## ACHIEVEMENTS

- Participated in Bharatiya Antariksh Hackathon 2024, presented by ISRO and organized by Hack2skill. | [Certificate](#)
- Participated in Maharashtra Student Innovation Challenge 2023, organised by Maharashtra State Innovation Society (MSInS), Department of Skill and Development, Government of Maharashtra. | [Certificate](#)