

Prajwal Gurnule

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EDUCATION

Bajaj Institute of Technology, Wardha, Maharashtra

Dec 2021 - Jul 2025

Bachelor of Technology in Computer Engineering

CGPA: 8.04/10.0

TECHNICAL SKILLS

Programming Languages: Java, Python, C, SQL

Databases: MySQL, MongoDB, Firebase

Libraries/Frameworks: React, Spring Boot, Flask, Streamlit, WordPress

Developer Tools: Git, GitHub, VS Code, Figma, Jupyter Notebook, AWS Cloud Platform

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

WORK EXPERIENCE

Software Developer Intern

Feb 2025 - Jul 2025

Qloron Technology Pvt. Ltd., Nagpur

Remote

- Collaborated with a team of React developers to design and implement **React Native applications**, leveraging **Agile methodologies** to enhance sprint efficiency and accelerate feature delivery by **30%**.
- Engineered seamless data synchronization by building and testing **RESTful APIs** using Firebase and Postman, resulting in a **25% improvement** in applications speed.
- Delivered **20+ projects** and key modules for internal full-stack systems Screenify and Sortboxs, streamlining interview workflows and HR management contributing to a **40% increase in operational productivity**.

PROJECTS

Screenify | *React, Next.js, Clerk Auth, Convex DB, Stream API* | [Github](#) | [Live](#)

Apr 2025 - May 2025

- Designed a **virtual interview platform** with **React and Next.js** featuring real-time video, smart screen sharing, and live code editor **reducing time-to-hire by 40%** through streamlined technical evaluations.
- Leveraged Stream API for seamless video calls with noise suppression, Clerk for secure auth flows, and Convex DB for real-time collaboration enhancing interview session **reliability by 95%** through transcript-backed recording.

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

Sep 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 relevance 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 **60% efficiency** using ChEMBL pharmacology data to **predict drug activity** based on chemical and molecular properties critical to effectiveness.
- Orchestrated a **75% improvement** in drug binding affinity scoring through advanced **embedding** and **clustering** techniques to support rational drug design.
- Developed a user-centric **Streamlit web portal** with **90% accessibility**, enabling pharmaceutical researchers to filter FDA - approved drugs using Lipinski's Rule of Five and customizable drug-likeness parameters.

CERTIFICATIONS

AWS Academy Data Engineering

[Link](#)

AWS Academy Machine Learning Foundations

[Link](#)

AWS Academy Cloud Developing

[Link](#)

AWS Academy Microservices and CI/CD Pipeline Builder

[Link](#)

ACHIEVEMENTS

- Achieved 95.99% in Naukri Campus Young Turks 2024, India's largest skill contest, earning recognition from industry experts for outstanding performance. | [Certificate](#)
- Participated in Maharashtra Student Innovation Challenge 2023, organised by Maharashtra State Innovation Society (MSInS), Department of Skill and Development, Government of Maharashtra. | [Certificate](#)