

# Arpit Agutale

Nagpur, India | arpitagutale947@gmail.com | arpitagutale.com | linkedin.com/in/arpit-agutale

## Education

**BTech. Computer Science and Engineering (AIML)**

Nov 2021 – May 2024

Shri Ramdeobaba College of Engineering and Management

- CGPA: 7.86/10
- **Coursework:** Machine Learning, Data Structures and Algorithms, Computer Networks, Operating Systems

## Experience

**Full-Stack Engineer Intern**, Tasheel – Hyderabad, IN

April 2024 – Sept 2024

- **Engineered** a full-stack Hospital Management System for a Polyclinic chain using **Next.js**, enhancing operational efficiency across **15+ clinics**.
- **Optimized** appointment scheduling, patient records, billing, and call functionalities, improving scheduling efficiency by **30%**.
- **Leveraged ShadCN** for UI development and **Next.js Server Components** for optimized **API** handling, reducing load times by **25%**.
- **Developed** a robust **Node.js** backend, ensuring seamless user management across **15+ Polyclinics**.

**Mobile Engineer Intern**, AMBON LTD. – Remote

Dec 2023 – April 2024

- **Architected** "Rojgar," a **Flutter**-based job portal mobile app connecting small-scale workers (plumbers, electricians, mechanics) with job opportunities, achieving **500+ downloads** in the first month.
- **Implemented** a three-tier subscription model, boosting premium user sign-ups by **40%**.
- **Integrated Firebase** for authentication and real-time database, ensuring **99.9% uptime** and seamless scalability.
- **Enhanced** user experience by enabling agents to post job listings and workers to apply directly, improving engagement rates by **35%**.

## Projects

**CODESYNC** – Video Calling Interview Platform



[github.com/Agutale-Arpit/codesync](https://github.com/Agutale-Arpit/codesync)

- Built a full-stack **Next.js** (TypeScript) Video calling interview platform with an inbuilt code editor.
- Implemented **real-time** database with Convex, including screen sharing and screen recording functionalities.
- Integrated authentication using **Clerk**.

**SOCIALLY** – Modern Social App



[github.com/Agutale-Arpit/socially](https://github.com/Agutale-Arpit/socially)

- Built a modern full-stack **Next.js** social app using **Postgres**, **Prisma**, **Clerk**, and **TypeScript**.
- Utilized the latest Next.js (**App Router**) for data fetching, caching, and revalidation.
- Integrated **Dropzone** for image uploads and **ShadCN** for UI components.

## Publications

**Advancing water management: Analysis on predictive modeling approach**



Scopus Indexed | Nov 2024

**Generation of Synthetic Datasets using GAN and Securing using Blockchain**



Jan 2025

## Achievements

**Leetcode:** Solved 350+ questions on leetcode



## Technologies

**Languages:** C++, JavaScript, Java, Dart, Python

**Frameworks:** Next.js, React, Flutter

**Tools:** Git, GitHub, Docker, MongoDB

**Database/Cloud:** PostgreSQL, NoSQL, Convex, AWS