Digvijay Mangaonkar

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in djmangaonkar07   ⌨ DJ-BoT07

Education

D.Y. Patil College of Engineering, Akurdi, Pune, Maharashtra   *June 2023 – May 2024*
Bachelor of Engineering — SGPA: 9.50

Technologies

Languages: C++, Java, Python

Technologies and Frameworks: HTML, Tailwind, ReactJS, NextJS, NodeJS, ExpressJS, Firebase, MongoDB. Gemini, Hugging Face

Deployment and Version Control: Git, Netlify, Vercel

Competitive Programming: HackerRank, LeetCode ↗ 200+

Projects

(Ivene 1.0) AI-Powered Mock Interview *Copyright Filled*   ⌨ ↗
Tech Stack: Next.js, Google Generative AI, Clerk, React Speech Hook, Drizzle ORM

- Engineered a scalable mock interview platform utilizing **Next.js** and **Google Generative AI**, implementing **real-time speech-to-text** capabilities with **React-Speech-Recognition**, achieving a **40% increase** in user performance metrics.
- Integrated **webcam functionality** for immersive interview simulations and utilized **Drizzle ORM** with **PostgreSQL** to manage over **10,000 records**, enhancing data retrieval speed.

Notation   ⌨ ↗
Tech Stack: Next.js, Liveblock, Google Generative AI, Clerk, Firebase, Cloudflare

- Architected a real-time document collaboration platform using **Next.js** and **Gemini AI**, optimizing with **Cloudflare** for security and increasing user engagement by **30%**. Leveraged **Firebase** for scalable data storage.
- Designed a **Notion-style interface** for enhanced document creation and editing, integrating **Google Generative AI** for real-time translation, achieving **90% accuracy** for multilingual collaboration.

Meta Verse   ⌨ ↗
Tech Stack: React.js, React Three Fiber

- Created an immersive MetaVerse project where users can interact with DigiMons, utilizing **React Three Fiber** and **Three.js** to showcase advanced React.js skills.

Mini Projects and Contributions

- **GDSC DYPCOE** link ↗, **ACES DYPCOE** link ↗, **CPMC DYPCOE** link ↗, **TechFest DYPCOE 24** link ↗, **CodeX** link ↗, **Cryptoverse** link ↗

Positions of Responsibility

- **Web Lead at GDGC DYPCOE** - Made the official website and conducted multiple workshops.
- **Cloud Mentor at GDGC DYPCOE** - Guided students on cloud technologies and solutions.
- **ACES Tech Lead** - Leading the technical team in organizing events and workshops.
- **CPMC Gunner** - Part of the Competitive Programming Club, promoting coding challenges.

Achievements and Certifications

- Winner of the GDSC DYPCOE 2023 Website Building Competition.
- Winner of the Avishkar Competition (SPPU) for Mental Health Assessment (3-time winner with projects: Ivene 1.0, and Load Forecasting).
- Featured in the College Newsletter multiple times.
- Further Certification : Generative AI Workshop, Google Cloud Skill Boost