DIVYAJ CHHAJED

Pune, Maharashtra - 411046

📞 +918624991883 ✉ Email in LinkedIn Github </> Portfolio

Education

Vishwakarma Institute of Information Technology - Kondhwa   **Sept. 2022 – Present**
B.Tech in Computer Science & Technology (AIML) : CGPA - 7.6   *Pune, Maharashtra*

Dr.Cyrus Poonawallah International School - Peth Vadgaon   **August 2020 – May 2022**
*12th CBSE - **91%**, Qualified for SSB - **5 times**, MHT-CET - **93.4%ile**, JEE(Mains) - **87.4%ile***   *Kolhapur, Maharashtra*

Work Experience

Eduplus Campus   **July 2024 – Jan 2025**
Project Intern   *Pune, Maharashtra*

- Designed and developed a multi-page React.js front-end for our Industry project AI-Interview Preparation Tool with modern UI elements for seamless user experience.
- Implemented User-Authentication and Input page to get details of the user like the Job Domain,description, role, level of experience, no.of questions to be asked.
- Built a user-friendly interview dasboard with ability to interact via text/speech and developed feedback page to showcase performance and analysis with ideal answers should be given by the user.

Projects

JobConnect | *Next.js, Tailwind CSS, LLM, Groq API, Hunter API, Clerk* | <u>Code</u> <u>Demo</u>   **February 2025**

- Developed an AI-powered web application that generates personalized cold emails and cover letters based on the user's resume and job descriptions by extracting key skills from resumes & job descriptions
- Integrated Hunter API to fetch verified email addresses of professionals working at the target company, streamlining job outreach.
- Utilized Groq API and LLMs to generate high-quality, tailored cover letters, enhancing job application effectiveness.
- Built an intuitive user interface using Next.js and Tailwind CSS, ensuring a seamless and engaging user experience.

MediChat | *React.js, Tailwind CSS, Python, RAG, LLM, Pinecone, Web-Speech API* | <u>Code</u> <u>Demo</u>   **January 2025**

- Developed a RAG-based medical chatbot capable of answering health-related queries with knowledge base from the *Gale Encyclopedia of Medicine* (+4000 page dataset).
- Integrated sentence transformers and LLMs for response generation, and Pinecone Vector DB for efficient retrieval.
- Built an interactive chatbot interface using React.js, supporting both text and voice-based conversations via the Web Speech API and FastAPI backend for generating seamless responses

InterviewAI | *React.js, Flask, RAG, LLMs, Sentence-Transformers, ChromaDB* | <u>Demo</u> <u>Code</u>   **October 2020**

- Designed and developed an AI-driven Interview preparation platform with speech recognition and voice to text interactions.
- RAG-based resume parsing and question generation using NLP & Llama 3.2 via Groq API.
- Integrated performance feedback with ideal response answers for improvement

Imagify | *React.js, Express.js, Node.js, Clipdrop API, MongoDB, Clerk, Razorpay* | <u>Live</u> <u>Code</u> <u>Demo</u>   **December 2024**

- Developed a Text-to-Image Generator and Background Removal web app using AI and integrated a credit system with Razorpay payment gateway for purchasing image generation tokens.
- Implemented user authentication with clerk for secure account creation with MongoDB to store the user's credentials.
- Used the Clipdrop API for Image Generation and Node.js, Express.js for handling user's requests and responses.

Technical Skills

Languages: Java, Python, MySQL, JavaScript, HTML/CSS
Technologies/Frameworks: React.js, Next.js, Tailwind CSS, FastAPI, Flask, MongoDB, Langchain
Skills: DSA, Web Development, Machine Learning, Generative AI, LLMs, RAG, UI/UX, Git
Developer/Editing Tools: VS Code, Adobe After Effects, DaVinci Resolve, Photoshop, Figma, Canva, LaTex

Certifications

∗ Deep learning Specialization - Andrew Ng, Coursera | **Link**
∗ IBM Full Stack Software Developer - Coursera | **Link**
∗ IBM DevOps and Software Engineering - Coursera | **Link**
∗ Career Essentials in Generative AI by Microsoft and LinkedIn - LinkedIn Learning | **Link**
∗ Generative AI with Large Language Models - Coursera | **Link**