KHUSHI GOYAL

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EDUCATION

Bachelorof TechnologyinComputerScienceandEngineering Vellore Institute ofTechnology	**Aug2022 - Jul 2026** **CGPA: 8.81/10**
12th Grade (CBSE) Ahmedabad PublicSchool	**Apr2021 – Mar 2022** **Percentage: 82.6%**
10th Grade (CBSE). Delhi Public School	**Apr2019 – Mar 2020** **Percentage: 90%**

PROJECTS

Nexor | Full-StackStartupPitchPlatform — Feb 2025

- Developed a full-stack startup showcase platform enabling customizable user profiles and interactive startup submissions using React and Node.js.
- Implemented fuzzy search by name and category using server-side filtering in Node.js, increasing startup discoverability by 60%.
- Integrated Auth.js for secure authentication and Sanity CMS for scalable content management, improving user data consistency.
- Used Sentry for full-stack error tracking, identifying and resolving critical UI/UX bugs, and reducing issue frequency by 25%.
- Refactored backend APIs for reduced payload size and improved query efficiency, boosting data performance by 30%.
- **Link**: https://github.com/2004khushi/yc_directory

Converso | Full-Stack LMS with AI Integration — Jun 2025

- Built a full-stack LMS integrating Vapi for real-time AI voice conversations, allowing personalized learning interactions and increasing average session time by 35%.
- Enabled user-personalized AI companions with adjustable voice, gender, and prompt behavior via structured metadata forms, improving engagement metrics by 3x.
- Improved secure authentication flows with Clerk and persisted session data in PostgreSQL, improving session load times by 30% and reducing auth errors by 80%.
- Implemented a tiered subscription model with role-based routing and access control in React, contributing to a 25% growth in paid user signups.
- Integrated Sentry in the frontend pipeline to monitor user flow and debug UI performance issues, reducing frontend errors by 50% and improving app stability.
- **Link:** *https://saas-app-gamma-five.vercel.app/*

WORK EXPERIENCE

JuniorSoftware Developer Intern | ONGC, India — Nov2024-Jan 2025

- Designed an AI-powered backend solution automating well data extraction from PDFs, reducing manual processing time by 40%.
- Integrated OpenAI's GPT API to generate contextually relevant answers, reducing operational costs by 20% through effective token limit management.
- Assessed a scalable pipeline using Python and LangChain, processing 50+ well data reports with 25% higher accuracy.
- Tools Used: Python, API Integration, LangChain

SKILLS

- **Programming Languages**: C++, Python, JavaScript, SQL,Typescript
- **Frameworks/Tools:** Git, MySQL Workbench, VS Code, LangChain,Docker,React,Clerk,Sentry
- **Technologies**: API Integration, Backend Development, Frontend Development, Machine Learning

ACHIEVEMENTS

- **Finalist –Unplugged Hackathon 2024 (**Built iPhone 15 Pro clone with React + Node.js**)**
  Link: https://i-phone-15-pro-clone-six.vercel.app/
- **3⭐ in Problem Solving – HackerRank**
  Link: https://www.hackerrank.com/profile/khushiongc10