

SIMAR KOCHAR

Jabalpur, MP, India

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EDUCATION

VIT Bhopal University, India <i>B.Tech in Computer Science and Engineering</i>	CGPA: 8.97/10 2022-2026
Satya Prakash Public School, India <i>Class XII (CBSE)</i>	Aggregate: 92.6% 2020-2022
Akal Academy Baru Sahib, India <i>Class X (IGCSE)</i>	Aggregate: 78.8% 2019-2020

TECHNICAL SKILLS

Languages: Python, Java, JavaScript | **Frontend:** React, HTML, CSS, TailwindCSS, Bootstrap | **Backend:** Node.js, Express.js, Flask | **Databases:** MongoDB, MySQL, Supabase | **Tools:** Git, Clerk | **Core Subjects:** OS, DBMS, CN, OOP, DSA

PROJECTS

Hirrd – Job Portal	React, Supabase, Clerk, TailwindCSS
<ul style="list-style-type: none">Built a responsive job portal with secure user authentication using Clerk.Integrated Supabase for real-time database and file storage (resumes, logos).Developed recruiter/candidate dashboards for job posting, tracking, and profile management.Enabled file uploads and ensured UI responsiveness across devices.	
HomeScope	React, Python, Flask, scikit-learn, CSS
<ul style="list-style-type: none">Built a real estate web app for local property listings and rent prediction.Created a responsive React UI with dynamic search, filtering, and a favorites feature.Developed a rent estimation model in Python from manually gathered local data.Enhanced user experience with a mortgage calculator, theme toggle, and a chatbot.	
Email Formalizer Chatbot	Flask, Python, Hugging Face API, HTML, CSS
<ul style="list-style-type: none">Developed a Flask web application that converts informal text to professional language.Integrated a large language model via the Hugging Face Router API for intelligent text transformation.Implemented robust error handling with retry logic and fallback mechanisms for API failures.Created a user-friendly web interface for seamless text input and formal email generation.	

CERTIFICATIONS

- IBM GenAI Certificate** - IBM Professional Certificate
- MongoDB Node.js Developer Path** - SmartInternz
- HTML, CSS, and JavaScript for Web Developers** – Johns Hopkins University

ACADEMIC AND EXTRACURRICULAR ACHIEVEMENTS

- Solved 100+ DSA problems daily for 100 days, improving problem-solving and coding speed.
- Selected for the Vodafone Idea Foundation's 6-week virtual internship on Conversational Data Analysis with LLMs.
- Secured a rank within the Top 200 in Amazon ML Challenge by developing a predictive model.

ADDITIONAL INFORMATION

- Languages Known:** English (Fluent), Hindi (Native)
- Hobbies & Interests:** Reading Books, Trekking