Harsh Gajjar

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Profile Summary

- Developer specializing in web solutions, using modern tech stacks like Node.js, React.js, and React Native to build impactful applications.
- Experienced in Python-based machine learning, with a focus on model development, data preprocessing, and performance optimization.
- Proficient in version control with Git, ensuring efficient collaboration and code management within teams.
- Passionate about AI/ML, contributing to open-source projects, and actively engaging in community initiatives to drive innovation.

Relevant Coursework

- Machine Learning
- Software Engineering
- Database Management
- Computer Networks
- Systems Programming
- AR & VR Systems
- Data Structures
- OOPs

Experience

Craft Silicon Foundation   Dec 2023 – Jan 2024
Rural Intern   *Panchmahal, Gujarat*
- Spearheaded positive initiatives to improve educational resources for 100+ underprivileged communities.
- Organized workshops and events to foster participation and address local challenges via technology-driven solutions.

Real Chemistry Coaching Institute   Aug 2022
Teaching Assistant   *Ahmedabad, Gujarat*
- Facilitated core chemistry concepts for 150+ students using interactive teaching methods and academic support.
- Implemented lesson plans tailored to diverse learning styles for advanced topics, improving student performance.

Projects

HIA (Health Analysis AI-Agent) | *Python, Streamlit, Supabase, Groq, PDFPlumber* | *Link*   February 2025
- Developed an AI-powered healthcare platform leveraging Meta's LLaMA-3.3-70B to simplify complex medical reports.
- Integrated secure auth, session management, and rate limiting (15 analyses/day) for data privacy and controlled access.
- Implemented PDF processing for medical reports with a 20MB file size limit, enabling seamless document analysis.

Portfolio Website | *Next.js, TypeScript, Tailwind CSS, Shadcn/ui, Zod, Webhooks* | *Link*   January 2025
- Utilized Discord Webhook for real-time notifications and integrated shadcn/ui for a polished user interface.
- Implemented web scraping using RSS Parser for tech news and configured DNS for the custom domain harshgajjar.xyz.
- Developed a responsive, clean, modern design to showcase professional experiences, skills, projects and blogs.

SpringTalk - AI Powered ChatApp | *React Native, Expo, Firebase, Cloudinary, Jest* | *Link*   November 2024
- Implemented the Atomic Design Pattern and followed the MVC architecture for modularity and cleaner codebase.
- Implemented real-time data handling and authentication using Firebase, ensuring responsive user interactions.
- Integrated Gemini API in the chat to allow users to enhance their messages or ask queries in just one tap.

Technical Skills

Languages: C, C++, Python, JavaScript, SQL, Verilog, HTML, CSS
Developer Tools: VS Code, Google Cloud Platform, Android Studio, Vercel
Technologies/Frameworks: Node.js, Next.js, Express.js, React.js, React Native, Tailwind CSS, Firebase, Supabase, MongoDB, PostgreSQL, Cloudinary, Linux
Machine Learning & Data Science: NumPy, Pandas, Matplotlib, Scikit-learn, TensorFlow, Keras, Seaborn, Streamlit, Agno (Phidata), Groq

Education

Dhirubhai Ambani Institue of Information and Communication Technology   Oct 2022 – Present
Bachelor of Technology   *Gandhinagar, Gujarat*

Leadership / Extracurricular

Google Developer Group on Campus, DA-IICT   Feb 2023 – Present
Core Member   *DA-IICT*
- Organizing technical events and workshops to foster learning and collaboration among students and communities.

Hostel Management Committee, DA-IICT   Feb 2025 – Present
Team Member   *DA-IICT*
- Managing hostel operations, coordinating events, and improving facilities to enhance the student living experience.