Devansh Kumar Gupta

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Education

Vellore Institute of Technology, Bhopal · **Bhopal, Madhya Pradesh**
Bachelor of Science in Computer Science, CGPA - 9.22 · *Oct 2022 – July 2026*

DAV Public School · **Kota, Rajasthan**
Class XI - XII, Percentage - 87% · *April 2020 - July 2022*

DAV Public School · **Kota, Rajasthan**
Class X, Percentage - 90% · *April 2019 - July 2020*

Skills

Languages	Python, C/C++, SQL, JavaScript, HTML/CSS, Java
Web Development	React.js, Next.js, Node.js, Express.js, Django
App Development	Expo, React-Native, Android Studio
Machine Learning	Pandas, Numpy, Pytorch, TensorFlow, OpenCV
Developer Tools	Git, GitHub, MongoDB, Postman

Projects

WhatsApp Analyzer · **Aug 2023**
- Developed a web application using Streamlit to analyze WhatsApp chat data.
- Key Features: File upload, statistics dashboard, message timelines, activity maps, user analysis, word cloud, common words analysis, emoji analysis.
- Technologies Used: Python, Streamlit, Pandas, Matplotlib & Seaborn, WordCloud.

Volume Control Using Hand Gestures · **July 2023**
- Developed a hand gesture-based volume control system using OpenCV, MediaPipe, and Pycaw.
- Key Features: Real-time hand detection, volume adjustment, visual feedback, frame rate display.
- Technologies Used: Python, OpenCV, MediaPipe, Pycaw.

ConnectSphere · **June 2023**
- Developed a social media application with user authentication, content creation, and profile management.
- Key Features: User authentication, protected routes, home feed, content exploration, saved posts management, post creation and editing, user profiles, all users list, real-time notifications.
- Technologies Used: React JS, TypeScript, Appwrite, CSS, React Router, Context API.

Experience and Certificates

ISRO Robotics Challenge - URSC Participant · **Sept 2023 – Jan 2024**
- Selected from over 50 teams for innovative rover design.
- Collaborated with electrical and mechanical teams for seamless integration
- Researched algorithms and computer vision for autonomous navigation
- Advanced to inter-level competition among 5-10 selected teams.

Problem Solving and DSA · **Oct 2022 – Present**
- Solved over 500 questions in Data Structures and Algorithms across various platforms.
- LeetCode profile: *leetcode.com/u/devanshhg13/*
- Received 50 days and 100 days badge on LeetCode.

Certifications and Training · **Oct 2022 – Present**
- IBM AI Engineering Professional Certificate
- Mastering Data Structures and Algorithms Using C and C++
- Geodata Processing using Python (by ISRO - Indian Space Organisation IIRS)