Janvi Jaivir Singh

Pune, Maharashtra

in Linkedin   ✉ janvisingh6211@gmail.com   💼 Portfolio   ⭘ GitHub   < > LeetCode

Skills

Languages: C++, Python, Java, HTML5, CSS3, JavaScript, SQL.

Tools & Frameworks: React.js, Node.js, TensorFlow, MediaPipe, Bootstrap, Express.js, Mongo DB. OpenCV, WebRTC, Visual Studio Code, Git & GitHub, Project IDX, Figma, Vercel.

Technologies: Generative AI, Cloud Computing Fundamentals, Data Analysis Basics, JDBC, Machine Learning.

Relevant Coursework: Data structures & Algorithm, Object-Oriented Programming, Computer Networking, Computer Organization & Operation system.

Education

AISSMS Institute Of Information Technology   *August 2023 – Present*
Bachelor of Technology in Computer Engineering.   *CGPA - 9.15*

Experience/ POR

Co-Lead   *September 2024 – Present*
Google Developers Groups (GDG)
- Promoted community engagement by conducting outreach across multiple classes, driving awareness and increasing active participation.
- Led the organization of workshops and hands-on technical sessions to empower students and foster a developer ecosystem.

Technical Head   *August 2024 – Present*
Computer Engineering Students Association (CESA)
- Led the planning and execution of technical events, fostering innovation and skill development within the department.

Management Volunteer   *April 2024 – April 2024*
GDSC WOW Pune
- Contributed to large-scale event coordination, enhancing collaboration and execution within a diverse student tech community.
- Gained valuable experience in team dynamics, event management, and cross-campus networking.

Projects

SignTalk - Real Time ASL Detection System
- Built a real-time ASL gesture recognition system to convert hand signs into text, enabling intuitive communication.
- Developed using Python, TensorFlow, OpenCV, and Flask to process live video input and display translated text.

Sentiment Analysis Of Articles   [GitHub]
- Designed a sentiment analysis model to classify news articles as positive, negative, or neutral using NLP.
- Built with Python, scikit-learn, NLTK, and Pandas for efficient text preprocessing and machine learning.

Smart Helmet Ignition System
- Created a bike ignition system that activates only when the helmet is worn correctly, improving rider safety.
- Implemented with Arduino, IR sensors, buzzer, and LED using Embedded C for real-time detection and control.

Certifications

- 18+ Infosys Springboard Certification on Artificial Intelligence.
- Supervised Machine Learning by Andrew Ng on DeepLearning.AI.
- Advanced Learning Algorithms by Andrew Ng on DeepLearning.AI.
- Career Essentials in Generative AI by Microsoft and LinkedIn.
- Crash Course on Python by Coursera.
- TCS iON Career Edge - Young Professional.

Extracurricular

- Hackathon & International Level Project Competition, PICT Pune
- Workshop On Project IDX, Bolt IoT