Ananya Saumya

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EDUCATION

Dayananda Sagar College of Engineering   **December, 2021 – May, 2025**

B.E. in Electronics and Communication   *Bengaluru, India*

CGPA: 8.71

Jawahar Vidya Mandir, Shyamali   **April, 2018 – July, 2020**

CBSE (12th)   *Ranchi, India*
Percentage: 90.8%

Bishop Westcott Girls' School, Namkom   **April,2017 - May, 2018**

ICSE (10th)   *Ranchi, India*
Percentage: 95%

Technical Skills

Languages: C++, Python, HTML, CSS, JavaScript
Platforms/Tools: GitHub, Visual Studio Code
Libraries/Frameworks: Bootstrap, MongoDB, ReactJS, NodeJS, NumPy, Scikit-learn
Database: MySQL, DBMS
CS Fundamentals: DSA, OOPs, Computer Network, Data Analytics, Machine Learning
Software Development: Frontend, Backend, Web Development

Projects

Intelli Genie - A Voice based Personal Assistant | *Python, NLP, Speech Recognition, TensorFlow, PyTorch, SQLite*   **Link**
- Developed a sophisticated voice-based assistant using Python and Machine Learning that integrated with 5 core applications, allowing users to access information via voice commands; achieved a 50% reduction in manual search times for critical data retrieval.
- Engineered a proficient assistant capable of executing 20+ tasks through voice commands which improved user efficiency by 50% and enhanced the overall user experience for them.

College Department Portal | *HTML, CSS, JavaScript, Bootstrap*   **Link**
- Built a personal portfolio website using HTML, CSS and JavaScript featuring a responsive design that ensures optimal user experience across various devices and screen sizes.
- Designed and integrated intuitive navigation controls within the portfolio website, enabling smooth and efficient transitions between different sections.

Face Landmark and Key point Detection| *Python, OpenCV, MediaPipe, Computer Vision*   **Link**
- Implemented a real-time face key points detection system using OpenCV and MediaPipe, capturing and visualizing up to 400+ facial landmarks with 95% detection and 90% tracking confidence levels.
- Developed interactive visualization of face key points and mesh contours on live video feed, allowing for interactive and detailed analysis of facial landmarks

Certificates and Achievements:

- Paper publication INTELLIGENIE-A Voice based personal Assistant by GRENZE scientific society by SCOPUS INDEX.
- Full Stack Web Development by Meta-Course, in partnership with the prestigious IIT Delhi.   *Present*
- Web Development Certificate by Udemy.   **Link**