

DIVYANSHU

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SUMMARY

Dedicated final-year Computer Science and Engineering student with a strong foundation in software development, data analysis, NLP and blockchain. Proficient in Python and SQL, with proven ability for applying analytical problem-solving skills, focusing on building scalable and innovative tech solutions. Recognized for strong teamwork, adaptability, and commitment to continuous learning. Seeking internship opportunities to apply technical skills to real-world projects.

EDUCATION

- **Dayananda Sagar University, Bangalore** **2021-2025**
Bachelor of Technology in Computer Science and Engineering | **Current CGPA: 6.3 | SGPA: 8**
- **Delhi Public School, Bangalore- East** **2017-2021**
12th – 82%
10th – 78%

SKILLS

- **Technical Skills:**
 - **Programming Languages:** Python, SQL, HTML
 - **Libraries & Frameworks:** Numpy, Pandas, PyTorch, Scikit-Learn, Tensorflow, Keras, OpenCV, Flask, Google Firebase SDK, LittleFS, Arduino SDK
- **Tools:** Jupyter Notebook, Visual Studio, Google Colab, Arduino IDE, Google Firebase, AWS, Microsoft 365
- **Soft Skills:** Exceptional communication, Interpersonal skills, Teamwork, Problem Solving, Collaboration & Adaptability
- **Additional Skills:** Proficient in Git, Wordpress, REST API, PowerPoint Presentation, Microsoft 365, Data analytics and Project management.

KEY ACHIEVEMENTS

- **AUTOMATA 2023**
Secured first position in the cybersecurity category of AI works club, CSE, Department of AI/ML held in May 2023

PROJECTS

- **Thermal imaging for precision pest detection in agriculture:** **April-May 2024**
 - UG Research Project
 - Developed a thermal imaging-based solution for early pest detection using Python, OpenCV, and sensors.
 - Leveraged thermal imaging technology to efficiently detect temperature anomalies on plant surfaces, improving agricultural yields by enabling real-time early pest detection and preventive measures.
 - Analyzed thermal data from various plant samples to detect temperature anomalies, successfully achieving a 90% accuracy rate in detecting pests.
- **Voice Activated Emergency Response System** **April-July 2023**
 - Developed a customizable virtual assistant for smartphones, activated by personalized user-specific voice commands, focusing on enhancing safety and accessibility for women and individuals with physical disabilities.
 - Engineered a system where the virtual assistant responds to designated keywords by capturing and sharing the user's live location with pre-selected emergency contacts via WhatsApp.
 - Improved emergency response time by 40% compared to traditional methods, ensuring rapid communication and accessibility during critical situations.
- **VAASTRA: E-commerce website** **September-December 2023**
 - Developed a user-centric e-commerce platform with a voice recognition feature designed to enhance accessibility for disabled users.
 - This advanced functionality includes precise voice input with 95% accuracy and spelling accuracy for entering personal details, ensuring a seamless and inclusive shopping experience from start to finish.

CERTIFICATIONS

- AWS Academy Cloud Foundations
- Introduction to TensorFlow and Keras
- Face Recognition in OpenCV
- Getting Started with Basics of Python
- Android Basics with Compose from Google Certification Course
- Getting Started with Linux File Systems