

# VEDANT

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Ghaziabad, India, 201005

## EDUCATION

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**ABES Engineering College, Ghaziabad**

Bachelors in Technology

Computer Science and Engineering

*Nov 2021 - Present*

*CGPA 7.5*

## SUMMARY

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Motivated student with strong technical abilities in software and applications. Possesses excellent time management skills and the ability to handle challenging work. Results-oriented individual known for leveraging analytical thinking and creativity to deliver high-impact solutions in fast-paced environments.

## PROJECTS

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### **Vidya-Daan- A New Way towards Donation**

Vidya Daan is an Android application connecting NGOs with donors to streamline the donation process. Built using Android Studio and Firebase, it leverages mobile technology to bridge the gap between donors and organizations in need. This promotes efficient resource allocation, fostering a positive social impact in general life.

### **AvaSafe- An Avalanche Warning Prototype**

AvaSafe is a research-based prototype designed for avalanche prediction and warning in Himalayan regions. Utilizing random forest and neural network modeling, it processes meteorological data to predict avalanches, enhancing safety for inhabitants and travelers. This technology plays a crucial role in preventing disasters and saving lives in vulnerable mountainous areas.

## TECHNICAL STRENGTHS

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- Android Studio and Android Development
- Data Science and Analysis
- Data Structures and Algorithms, Software Design and Database
- Operating Systems and Computer Networking
- Languages like Python, C, C++
- Full Stack Development using HTML, CSS, Javascript, NodeJS and ReactJS
- Database- MySQL and MongoDB

## ACADEMIC ACHIEVEMENTS

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- Research Paper, V. Vedant, V. Arora, V. Gupta, A. Prakash and S. Avasthi, 2023 International Conference on Computational Intelligence, Communication Technology and Networking (CICTN)
- 1st Runner Up in Hackhound2.0, SRM Muradnagar, Ghaziabad, 2024

## PROJECTS, REASEARCH PAPER AND CERTIFICATE LINKS

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- Research Paper
- Vidya-Daan
- AvaSafe
- Certificates