

# Vineet Kumar Chaturvedi

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Bachelor of Technology

ABES Engineering College , Ghaziabad

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GitHub Profile

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## EDUCATION

### •Bachelor of Technology in (Information technology)

2022-26

ABES Engineering College Ghaziabad

CGPA: 7.6

### •12th Standard(PCM)

2020-21

Jawahar Navodaya Vidyalaya, Sant Kabir Nagar, UP

CGPA: 8.36

## PERSONAL PROJECTS

### •FaceMark — Face Recognition-based Attendance System

An automated attendance system utilizing facial recognition technology to ensure seamless and contactless attendance marking.

- Implemented a real-time face detection and recognition module using OpenCV and Python.
- Integrated a liveness detection feature to prevent spoofing using images or videos.
- Developed an intuitive web dashboard for administrators to manage student records and attendance logs.
- Enabled real-time attendance marking and automated record maintenance without manual intervention.
- Technology Used: Python, OpenCV, React.js, Bootstrap.

### •MediMate — AI Health Assistant

An AI-powered virtual assistant designed to provide basic health analysis and personalized wellness suggestions. .

- Developed a conversational chatbot using Python libraries to interact with users and collect health-related data.
- Integrated machine learning models to analyze symptoms and suggest possible health conditions.
- Provided real-time health tips, diet recommendations, and mental wellness advice based on user inputs.
- Technology Used: Python, NLTK, Scikit-learn, Pandas, NumPy.

## EXPERIENCE

### •Internship On AI: Transformative learning with Techsksham

jan - feb 2025

A joint CSR initiative of Microsoft and SAP ,implemented by Edunet Foundation

Online

- Gained hands-on experience in Artificial Intelligence concepts and their real-world applications.
- Worked extensively with Python and its libraries for building AI-based projects.
- Successfully developed an **AI Health Assistant** capable of providing health tips and analyzing symptoms using Python-based models.

## TECHNICAL SKILLS AND INTERESTS

**Languages:** C/C++, Python, Javascript, HTML+CSS

**Libraries :** C++ STL, Python Libraries, ReactJs

**Web Dev Tools:** Nodejs, VScode, Git, Github

**Frameworks:** ReactJs

**Cloud/Databases:** MongoDB, Relational Database(mysql)

**Relevant Coursework:** Data Structures & Algorithms, Operating Systems, Object Oriented Programming, Database Management System, Software Engineering.

**Areas of Interest:** Web Design and Development, Cloud Security.

**Soft Skills:** Problem Solving, Self-learning, Presentation, Adaptability

## HONORS AND AWARDS

### •AI: Transformative Learning with Techsaksham

- Gained hands-on experience in AI concepts, models, and real-world applications.
- Internship conducted under a joint CSR initiative of Microsoft and SAP, implemented by Edunet Foundation.

### •Problem Solving (Basic & Intermediate)

- Solved algorithmic challenges on HackerRank, CodeChef & LeetCode to strengthen problem-solving skills.