

# AYUSHI AGRAWAL

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## Education

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### IMS Engineering College

Bachelor of Technology in Computer Science and Engineering— CGPA-7.85/10

2022 – present

Ghaziabad, Uttar Pradesh

### Wisdom Public School ,CBSE

Intermediate— Percentage-78.4

2020 – 2022

Aligarh, Uttar Pradesh

## Technical Proficiencies

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**Languages:** Python, Java, C, JavaScript, HTML5, CSS3, SQL

**Frameworks/Libraries:** React.js, Node.js, Express.js, Tailwind CSS, UI/UX

**Databases:** MongoDB, MySQL

**Tools/Platforms:** Git, GitHub, VS Code, Firebase, Figma

**Concepts:** Data Structures and Algorithm(DSA), Object-Oriented Programming(OOP), RESTful APIs, Responsive Web Design, JWT Authentication, Agile Methodologies, Software Development Life Cycle(SDLC), Version Control

**Cloud/AI:** Google Cloud Platform(GCP), OpenAI GPT API, Gemini-Pro-Vision API, Basic Machine Learning

## Projects

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### Medical Chatbot | React, Firebase, OpenAI GPT API, and Gemini-Pro-Vision API

August 2024

- Designed and deployed an AI-powered medical chatbot that analyzes user inputs and health checkup data to provide symptom-based recommendations and medication suggestions.
- Integrated Gemini-Pro Vision API to extract text and insights from uploaded medical reports, enabling image-to-text understanding.
- Ensured secure, real-time data exchange between the frontend and backend via Firebase Authentication and HTTPS calls.
- Demonstrated the use of Generative AI and cloud-based inference models for real-world healthcare assistance.

### GrowthGuide | MongoDB, Node.js, React.js, Express.js

November 2024

- Developed a full-stack web application to streamline campus placement processes for students, recruiters, and administrators.
- Implemented role-based dashboards with JWT-based authentication and RESTful APIs for profile management, job applications, and candidate review.
- Optimized backend API performance using MongoDB indexing and Node.js error handling middleware for scalability.
- Enabled responsive UI with React and Tailwind, ensuring mobile-first design principles and accessibility compliance.
- Automated workflows to simplify placement tracking, improve data accuracy, and enhance communication between stakeholders.

## Relevant Coursework

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• Data Structures Algorithms

• Database Management Systems

• Object-Oriented Programming

• Machine Learning Techniques

## Certifications

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- Advanced Software Engineering
- Data Analytics (Python)
- Generative AI
- AI Tools and ChatGPT Workshop
- Time Series Analysis

Walmart Global Tech  
ShapeMySkills  
Accenture  
be10x  
IIT Guwahati

## Co-curricular Activities

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### IMSEC Cultural Society – Dance Club (2022–Present)

- Led and organized multiple large-scale cultural events, demonstrating strong **leadership**, **confidence**, and **team coordination** under high-pressure situations.
- Choreographed and performed in inter-college dance competitions, boosting creative expression and public presence.

### Poetry Writing

- Authored and performed original poems in college-level recitation events, showcasing creativity, **public speaking**, and audience engagement.
- Received appreciation for expressive delivery and confident stage presence, reflecting **emotional intelligence** and **clarity in communication**