

# Ayushi Gupta

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*Meticulous front-end web developer with expertise in JavaScript and React.js. Specializes in building responsive web applications that improve user experience. Proven ability to work effectively in teams and quickly adapt to new technologies.*

## EDUCATION

### Galgotias University

Bachelor of Technology, Computer Science and Engineering  
CGPA: 8.5

Greater Noida, UP, India

October 2022 - May 2026

### Lucknow Public College, Sahara States

Senior Secondary (XII), CISCE  
Percentage: 90%

Lucknow, UP, India

Passed 2022

## TECHNICAL SKILLS

**Programming Languages:** JavaScript, Java, C++, Python

**Libraries & Frameworks:** React.js, Tailwind

**Databases:** MySQL, Firebase

**Tools:** Git, VS Code, Figma

## HACKATHON EXPERIENCE

### Smart India Hackathon 2024: VAAYU (Vigilant Air Assessment and Yielding Unit)

(\*ongoing)

- Delivers real-time data on pollutants like PM2.5, PM10, CO, CO2, and NO2 through VAAYU, an advanced UAV-based air quality monitoring system utilizing drones with cutting-edge sensors.
- Unlike fixed stations, VAAYU enables mobile and flexible monitoring across 10+ diverse terrains, providing accurate assessments in urban, industrial, and remote areas.
- The system enables rapid responses to environmental emergencies, such as industrial accidents and forest fires, by collecting and analyzing air quality data within 30 minutes in affected areas.

**Tech:** React.js, Tailwind, MongoDB, Express.js, Node.js [GitHub](#)

## PROJECTS

### FireTalks

- Enables users to send and receive messages instantly in a real-time chat app, featuring user login, live message updates, and secure data storage.
- Leveraging Firebase, the app maintains an impressive 99.9% uptime and ensures message delivery in under 200 milliseconds, providing a seamless user experience.
- Offers emoji support and file sharing, boosting user interaction by 30% and facilitating the exchange of files up to 5MB.

**Tech:** React.js, CSS, Firebase [GitHub](#)

### BudgetBuddy

- Monitors user's income, savings, and spending, providing valuable insights that enhance financial health and improve budget awareness by 15%.
- Facilitates easy expense addition and management through a user-friendly interface, while Firebase securely stores data and provides real-time updates.

**Tech:** React.js, Tailwind, Firebase [GitHub](#)

### WordCraft

- Provides users with a dictionary web app to effortlessly search for word meanings, synonyms, and antonyms using the Free Dictionary API.
- Utilizes Material-UI to create a modern, user-friendly design with pre-built components, enhancing navigation and overall user experience.
- Showcases recent searches and word suggestions to improve user experience and provide quicker access to information.

**Tech:** React.js, CSS, Material UI [GitHub](#)

## CERTIFICATIONS AND ACTIVITIES

- **UP International Trade Show 2024:** Secured 1<sup>st</sup> position on Day 3 (Environment and Sustainability)
- **Smart India Hackathon Pre-Qualifiers 2024:** Qualified, offering innovative solutions to real-world challenges (College Level)
- **Dexterix 4.0 Hackathon:** Participated as a competitor, collaborating with a team to create innovative tech solutions (College Level)
- **Introduction to Frontend Development:** Coursera