

# Gunshika Agarwal

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## About

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"Driven aspiring Web Developer with a keen interest in leveraging Artificial Intelligence to create smart, efficient applications. My **AI-based waste management project** highlights my ability to combine basic AI principles with web development to solve real-world problems, from ['optimizing waste collection'] to ['improving resource allocation']. I am a proactive problem-solver, eager to learn new technologies, and contribute to innovative projects that make a tangible difference."

## Education

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ABES Engineering College(Ghaziabad), B. Tech in Computer Science	Oct 2023 – Aug 2027
St. Mary's Convent Sr. Sec. School(Dhampur),Intermediate	Mar 2022 – Mar 2023
St. Mary's Convent Sr. Sec. School(Dhampur), High School	Mar 2020 – Mar 2021

## Projects

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- **Peronalised AI Based Nutrition and Maternal Care:** Developing and implementing a full-stack web application providing personalized nutritional guidance and maternal care support using AI
- **Wastify-AI Based Waste Management Tool: Designed and implemented machine learning models** to intelligently identify and categorize different types of waste, enhancing sorting accuracy and promoting recycling initiatives.
- **Wavrooza- A Responsive Website (Frontend Based):Developed a fully responsive frontend web application** for "Wavrooza" using HTML5, CSS3, JavaScript, React.
- **I Am Safe:A project for the safety of girls** Implementing a critical alert system that enables users to quickly send distress signals and their live location to pre-selected contacts or emergency services with a single, discreet action.

## Technologies

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**Desktop Languages :** C/C++ , JavaScript, Python

**FrameWorks:** Node.js, Express.js

**CourseWork:** Data Structures and Algorithms(Basics), Cyber Security, Operating System, OOPS in java,

**Others::** Github, API integration, Firebase

## Certifications

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- **Basics of Python.** Infosys Springboard
- **Project in C Programming,** Infosys Springboard
- **Design Thinking,** Infosys Springboard
- **Machine Learning,** Google Developers
- **Developing Soft Skills and Personality,** IIT Kanpur