

# HARSH GUPTA

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## EDUCATION

### Galgotias University, Greater Noida

Bachelors of Technology in Computer Science & Engineering with Specialization in Artificial Intelligence

2021 - 2025

Current CGPA: 8.11/10.0

### RBN inter College , Ayodhya UP

Class XII (UP)

2019 - 2021

Percentage: 68.8%

### Vivekanand Inter College , Abedkar nagar UP

Class X (UP)

2016 - 2018

Percentage: 74.3%

## PROJECTS

### OBSTECAL AVOIDING CAR

- Engineered a prototype car that autonomously detects and avoids obstacles using advanced sensor technology.
- Utilized ultrasonic and infrared sensors for real-time object detection and distance measurement.
- Designed and implemented algorithms for dynamic path planning to navigate around obstacles efficiently.
- Coded the micro-controller (Arduino) to process sensor data and control motor functions.

### JARVISH PERSONAL ASSISTENT

- Created a voice-activated personal assistant designed to manage and automate daily tasks.
- Utilized NLP techniques to enable JARVISH to understand and respond to user commands in natural language.
- Deployed advanced speech recognition for accurate command interpretation and speech synthesis for natural responses.
- Programmed JARVISH to perform tasks such as setting reminders, scheduling appointments, sending emails, and managing to-do lists.

### TRAVEL MANAGEMENT SYSTEM

- Designed and implemented a comprehensive web-based travel management system to streamline travel planning and booking processes.
- Utilized HTML, CSS, and JavaScript to create a responsive and visually appealing user interface.
- Implemented secure login and registration functionalities to manage user accounts and protect personal information.
- Used JavaScript and AJAX to load and update travel information dynamically without requiring page reloads.

### ITC STOCKS PRICE PREDICTOR

- Developed a stock price prediction model for ITC using Python, leveraging machine learning techniques and historical stock market data.
- Implemented data preprocessing, feature engineering, and time series analysis to enhance the model's accuracy.
- Utilized libraries such as NumPy, Pandas, Matplotlib, and scikit-learn for data manipulation, visualization, and model training.
- Presented predictive insights through a user-friendly interface, enabling real-time decision-making for potential investors.

## SKILLS

- Programming Languages:** JAVA
- Web Development:** HTML5, CSS, JS, Mongo DB, Express JS, Node js, React JS, Tailwind css, Typescript, MySQL
- Software Development and Engineering:** Git, Unit Testing, Object-Oriented Programming (OOP)
- Prompt Engineering**
- Soft skills :** Time Management, Communication, Active Listening

## CERTIFICATIONS & PROFESSIONAL DEVELOPMENT

### Aws Data Engineering Virtual Internship(AICTE)

September 2024

Aws Certificate ID : 2404f5d002c66b43401f7f493bf05f5b

### AI - ML Virtual internship (Google for Dev)

June 2024

Google Certificate ID :3a43d1205ed38ba4ab25d261463ebf64

### Celonis Virtual Internship

July 2022

Celonis foundation

### Artificial Intelligence in Practice

April 2023

Vois Certificate ID : up4Fm01SAr

### Data Collection using sensor

April 2023

Vois Certificate ID : DxqDq12Cam

## Hobbies

Playing chess  
Listening music  
Gaming