

# KARTIK GARG

+91 6398384440, Greater Noida, Uttar Pradesh

✉ gargkartik623@gmail.com   **in** linkedin.com/in/kartikgarg146   **g** github.com/kartikgarg146

## Career Objective

---

Computer Science (AIML) undergraduate with experience in Python, C++, and full-stack development. Passionate about building scalable software systems and applying machine learning to real-world challenges while continuously enhancing core engineering and analytical problem-solving abilities.

## Experience

---

### Python & Machine Learning Virtual Internship

*CodSoft*

May 2025 – June 2025

- Designed and implemented a Python-based random password generator supporting multiple character constraints, improving understanding of secure string handling
- Built and evaluated supervised machine learning models for credit card fraud detection and customer churn prediction using structured datasets
- Implemented a spam SMS classification system to distinguish between spam and legitimate messages using text-based machine learning techniques

## Education

---

### Noida Institute of Engineering & Technology, Greater Noida

*Bachelor of Technology in Computer Science and Engineering (AIML) — CGPA: 8.89*

2023 – 2027

### Hansraj Smarak Sr. Sec. School, Delhi

*Intermediate — 74.8%*

2022 – 2023

*High School — 91.5%*

2020 – 2021

## Projects

---

### AI-Powered Mental Health Chatbot and Tracking System

*React, TypeScript, Flask, Python, NLP, Gemini API*

Jan 2026 – Mar 2026

- Built a full-stack mental health tracking platform enabling users to log daily moods and visualize emotional trends through an interactive dashboard
- Integrated an NLP conversational chatbot using the Gemini API to generate context-aware responses and provide emotional support

### Real-Time Public Transport Tracking System

*Django, GPS Tracking, REST APIs*

Sep 2025 – Dec 2025

- Engineered a real-time public transport tracking system enabling consistent vehicle location updates
- Improved tracking reliability by implementing route prediction logic for low-bandwidth network conditions

## Certifications

---

- NPTEL Elite: Introduction to Programming in C, Operating Systems Fundamentals
- Infosys Springboard: React JS, Object-Oriented Programming using Python
- Cisco Networking Academy: Cybersecurity Essentials, Network Essentials

## Skills

---

- Programming Languages: Python, C, C++, JavaScript
- Frameworks & Tools: Django, React, Node.js, REST APIs, Git, GitHub
- Databases: MySQL, MongoDB, SQLite, Firebase
- Core Concepts: Data Structures, Algorithms, Object-Oriented Programming, Operating Systems, DBMS

## Achievements & Hackathons

---

- **Smart India Hackathon (SIH) 2025 Finalist** — National-level software innovation challenge
- **Solved 110+ problems on LeetCode**, strengthening algorithmic and problem-solving skills