# Gaurav Kumar

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**Portfolio:** Gaurav's Portfolio

## SKILLS

- **Languages**: C++, C, JavaScript, Python, R (Familiar), Java (Familiar)
- **Frameworks**: HTML and CSS, Bootstrap
- **Tools/Platforms**: MySQL, MongoDB, Excel, Tableau, Power BI, GitHub, AWS, Docker
- **Libraries**: NumPy, Pandas, Matplotlib, NLTK, Scikit-learn
- **Soft Skills**: Problem-Solving Skills, Team Player, Project Management, Adaptability, communication skills

## INTERNSHIP

- **J.P Morgan** **Link** August 2024

  *Software Engineering Virtual Experience*
  - **About:** Set up a local dev environment by downloading the necessary files, tools and dependencies.
  - Fixed broken files in the repository to make web application output correctly.
  - Used JPMorgan Chase's open-source library called Perspective to generate a live graph that displays a data feed in a clear and visually appealing way for traders to monitor.
  - \* **Tech stacks used**: Python, React, Git, Technical Communication, Financial Analysis

- **Goldman Sachs** **Link** August 2024

  *Software Engineering Virtual Experience*
  - **About:** Completed a job simulation as a Goldman Sachs governance analyst responsible for assessing IT security and suggesting improvements.
  - \* Identified that the company was using an outdated password hashing algorithm by cracking passwords using Hashcat.
  - \* Wrote a memo for my supervisor summarizing a range of proposed uplifts to increase the Company's level of password protection including extending minimum password length and using a dedicated hashing algorithm.
  - \* **Tech stacks used**: Python, cryptography (Basics), hashing algorithm

## PROJECTS

- **Kiana Ai -Personal virtual Assistant**: September 2024
  - Developed advanced personal virtual assistant, Kiana AI, leveraging cutting-edge artificial intelligence.
  - Enhanced user experience by providing personalized assistance and streamlining tasks.
  - Implemented state-of-the-art technologies to optimize performance and functionality of the virtual assistant.

  **Tech**: Python, speech recognition, OpenAI, pyttsx3, pygame, os, GitHub

- **Ecommerce Sales Dashboard:** July 2024
  - Developed an Ecommerce sales dashboard using Tableau to effectively visualize and interpret sales data.
  - Utilized Tableau's data visualization capabilities to analyze and gain insights into sales trends, patterns, and key performance indicators.
  - Improved decision-making processes by creating interactive and informative visualizations that facilitated a deeper understanding of sales performance.

  **Tech**: Tableau, Power Bi, Excel

- **GTBIT (College website)** June 2023
  - Developed a functional GTBIT college website using HTML, CSS, and JavaScript.
  - Integrated features such as course listings, event calendars, societies section and user profiles.
  - Demonstrated expertise in front-end technologies to build a responsive and visually engaging academic platform.

  **Tech**: HTML, CSS, JavaScript, React, Bootstrap

## CERTIFICATES

- Data Analytics Essentials – Cisco | September 2024
- Build a Google Firebase Web App – Google (Coursera) | May 2023
- Front –End Development – Meta (Coursera) | April 2023
- Google Drive Cloning – Google Developer Student Clubs | October 2022

## ACHIEVEMENTS

- Solved SQL problems at HackerRank: **Link**
- Participated in Hackathon Code4Cause 2023
- Participated in Flipkart Grid 6.0 – Software Development Track
- Participated in Smart India Hackathon 2024 | September 2024

## EDUCATION

- **Guru Gobind Singh Indraprastha University** Delhi, India
  *Bachelor of Technology - Computer Science and Engineering; **CGPA: 7.76*** *Since October 2022*
- **Kendriya Vidyalaya** Delhi, India
  *Intermediate; **Percentage: 82%***
- **Kendriya Vidyalaya** Delhi, India
  *Matriculation; **Percentage: 86%***