

Gaurav Kumar Singh

Contact

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Education

Bachelor of Engineering

Computer Science

Chaudhary Charan Singh University

Meerut [2019- 2023]

Profiles

- <https://in.linkedin.com/in/gaurav-kumar-singh-31362322b>
- <https://github.com/Gaurav0605>

Technical Skills

- Chatbot
- Python
- SQL
- Natural Language Processing (NLP)
- Data Handling
- Problem Resolution
- Data Analysis
- Data Visualization
- Machine Learning
- Developing BI solutions (Power BI, Tableau)
- Advance excel

Objective

Highly skilled AI Developer with expertise in building AI-based conversational automation, including chatbots and voice bots. Proven experience collaborating with customers, Delivery Managers, and Business Analysts to deliver high-quality projects within stipulated timelines. Proficient in integrating chatbots with various backend and frontend systems, designing custom chat and voice components, and developing asynchronous applications. Strong background in Node.js, MongoDB/MySQL, machine learning, and natural language processing. Adept at problem-solving, requirement analysis, and ensuring customer business goals are met.

Internships

AlmaBetter Full Stack Data Science Training (6 months)

- Developed comprehensive skills in full stack data science, including data collection, preprocessing, analysis, modeling, and deployment.
- Applied machine learning algorithms to real-world datasets, gaining practical experience in predictive analytics and data visualization.

APTech Learning Center in Python Programming

- Acquired proficiency in Python programming through structured training and practical exercises.
- Demonstrated proficiency in algorithm design, debugging, and optimizing code for efficiency and performance.

Soft Skills:

Must Have:

- **Network Infrastructures:** Network Design, Network Deployment, Network Management, Cloud Network Architecture, Network Security, Network Performance Optimization.

Good to Have:

- **Data Center Networking Technologies:** Data Center Infrastructure, Data Center Connectivity, Network Virtualization, Storage Networking, Data

Center Automation.

- **Operations:** Cloud Operations, System Monitoring, Troubleshooting, Performance Maintenance, ITIL Framework.

Projects

Project 1: Global Terrorism Analysis

- Analysed global terrorism trends and patterns.
- Utilized advanced data analysis and visualization techniques.
- Provided insights into terrorism drivers and security implications.

Skills Used:

- **Pandas:** Data manipulation and aggregation.
- **Matplotlib and Seaborn:** Visualized data using various plots to understand behavior related to target variables.
- **NumPy:** Executed computationally efficient operations for data processing.

Role:

- Leveraged data science techniques to uncover insights into global terrorism dynamics, facilitating informed decision-making in security strategies.

Project 2: Product Dissection

- Conducted systematic examination and analysis of product design, functionality, manufacturing processes, and components.
- Gained insights into product development, engineering principles, and materials science.

Skill Used:

- **SQL:** Employed SQL for data analysis and querying related to product components, manufacturing processes, and design aspects.

Role:

- Applied data-driven analysis to dissect product features and processes, enhancing understanding of product development and engineering principles.

