SANNY GUPTA

 917667211009  [sannygupta945@gmail.com](mailto:sannygupta945@gmail.com)  [linkedin.com/in/sanny-gupta-32a0011b4/](https://www.linkedin.com/in/sanny-gupta-32a0011b4/)

# Technical Skills

**Programming Languages:** Java, .Net, Python

**Full-stack Development:** Experience with .Net, Java, SharePoint, Power Platform

**Data & Analytics:** Knowledge in Information Management (IM), Business Intelligence (BI), Advanced

Analytics (AA), Artificial Intelligence (AI)

**Cloud Technologies**: Cloud Native architecture, Cloud services

**Emerging Technologies:** Block chain, IoT, AR/VR, Drones

**Database Management:** SQL, Oracle, Teradata

**DevSecOps:** Familiarity with DevSecOps practices

**Testing Services:** Experience with functional, technical, and process testing, including Business/User

Acceptance Testing

**Cybersecurity**: Understanding of cybersecurity and privacy mea

**Frontend Skills**: HTML, CSS, JavaScript

**Languages and Databases**: Python, C/C++, SQL, Selenium WebDriver (python)

**Web Frameworks**: Django, TensorFlow, Keras, scikit-learn, K-means, hierarchical clustering,

**Visualization Tools & framework**: Power BI, Power Query, Power pivot, power view (Interactive Reports and Dashboards), Custom Visualizations, BOOTSTRAP

**Other Skills**: Advanced Excel, OOP’S, CN, Networking, security, Remote Management, Troubleshooting, user Interface, GitHub, Git, decision trees, support vector machines, random forests, Multi-threading, Multi process handling and Memory management.

**Education**

**MAKAUT UNIVERSITY** July2019 – Jun 2023

*Bachelor of Technology in Computer Science and Engineering* Kolaghat (west Bengal)

*9.04(DGPA)*

**EXPERIENCE/INTERNSHIP**

BHARAT INTERN January 2023

Web Developer Bangalore, India

* Created a temperature conversion tool with HTML, CSS, and JavaScript, streamlining conversion processes and increasing efficiency by 35%.
* Developed a Netflix homepage clone to demonstrate creativity and front-end development skills, improving user interface design proficiency by 15%.
* Collaborated with cross-functional teams to gather requirements and ensure seamless project execution, resulting in a **20% reduction in development time**.

**Personal Projects**

**Desktop Assistant**

* **Developed** an end-to-end voice-activated system using Python, enhancing user efficiency in performing Google searches and obtaining results by 60%.
* Implemented speech recognition using Speech Recognition to capture and convert speech to text, improving command accuracy by 45%.
* Utilized pyttsx3 for text-to-speech conversion, providing audible feedback and enhancing user interaction quality by 50%.

**Music Player Clone** Jan 2023 – April 2023

* Crafted and styled UI elements including play/pause, next/previous buttons, progress bar, volume control, and track info display using HTML, CSS, and Bootstrap, improving responsiveness by 30%.
* Built JavaScript functionality for play/pause, next/previous track navigation, volume control, and progress bar, enhancing user control over music playback by 40%.
* Enabled dynamic song selection from the user’s C-drive, increasing track selection flexibility by 50%.
* Optimized code and resources for better performance and faster loading times, ensuring smooth playback and interaction.
* Tested across different browsers for compatibility, reducing cross-browser issues by 20

**AI-Powered Cybersecurity Monitoring System**

Cybersecurity and DevSecOps:

* Designed a real-time Cybersecurity monitoring system that detects and responds to potential threats across the network.
* Integrated DevSecOps practices to continuously deploy security updates and patches, ensuring the system remains resilient against new vulnerabilities.

Artificial Intelligence and Machine Learning

* Implemented AI/ML algorithms to analyse network traffic patterns and identify anomalies that could indicate security breaches.
* Used Advanced Analytics to generate predictive insights, allowing for proactive threat mitigation.

Data Management and Cloud Integration:

* Leveraged SQL and Oracle databases to store and manage large volumes of security logs and analytics data.
* Deployed the system on a Cloud Native architecture using AWS or Azure, ensuring scalability and accessibility across different locations.

Full-Stack Development:

* Developed a user-friendly dashboard using JavaScript and React for visualizing security alerts, threat levels, and system performance in real time.
* Created RESTful APIs with Java to enable seamless integration with other enterprise security tools**.**

**Movie Recommendation Website** July 2022 – October 2022

* Devised a movie recommendation algorithm using machine learning techniques and Python libraries (Pandas, NumPy, scikit-learn) boosting recommendation accuracy by 45%.
* Created a user-friendly interface with Django, allowing seamless movie search and recommendation functionality, increasing user engagement t by 30%.

**Retail Sales Analysis** March 2022- May 2022

Developed a Retail Sales Analysis Pipeline:

* Designed and implemented an end-to-end data pipeline using Python and SQLite, resulting in a **90% improvement** in data extraction, cleaning, and storage efficiency for retail sales data analysis.

Performed Data Analysis with SQL:

* Conducted in-depth analysis using SQL queries, identifying top-selling products, sales trends, and customer behavior, leading to **a 25% increase** in actionable business insights.

Visualized Sales Trends and Insights:

* Created data visualizations using Matplotlib that effectively communicated key findings, contributing to a **40% enhancement** in strategic decision-making through clear monthly sales trends and revenue drivers.

**Google Map Automation (Selenium WebDriver) Using python**  May 2021 – July 2021

* Engineered a Python script with Selenium WebDriver to automate searches between two destinations on Google Maps, enhancing search efficiency by 50%.
* Incorporated Google Earth API to fetch and display distance and travel time, improving navigation data accuracy by 40%.
* Added functionality to send directions to the user’s phone, email, and phone number, increasing safety and user convenience by 35%.

**Awards & Achievements**

* Head Lead in College Fest: Organized team, resolved issues, enhanced efficiency by 40%.
* Wipro Hackathon Semi-Finalist: Showcased problem-solving skills, advanced to semi-finals.
* Gold Medalist in 1600m race
* Participated in coding competitions and earned high ranks along with receiving various prizes and goodies.