ARYAN SINGH

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**ACADEMICS CREDENTIALS:**

2024 B.sc(C.sc) Jeevandeep Mahavidyalaya, Varanasi 70 %(First Class)

2021 12th(Science) S.G Public School, Mughalsarai 82 %(First Class)

2019 10th S.G Public School, Mughalsarai 80%(First Class)

**TECHNICAL SKILLS:**

Languages: Python,C++,C,SQL,Html,Java

Developer Tools: VS Code, Canva, MySQL, PostgreSQL, Oracle Database, Microsoft SQL Server,

**SKILLS:**

• DSA • Operating Systems • Oops Concepts • Computer Networks • Cloud Computing • Software Engineering • DBMS

**PROFESSIONAL SUMMARY:**

Motivated and detail-oriented Bachelor of Science in Computer Science graduate with a passion for leveraging technology to solve real-world problems. Proficient in programming including Python, SQL, Java, and DSA. Experienced in managing projects that involved extracting insights, optimizing workflows, and presenting data-driven recommendations. Possess a strong analytical mindset, excellent problem-solving skills, and a drive to continuously learn and adapt to new challenges. Seeking an internship opportunity to apply academic knowledge and technical expertise to contribute meaningfully to innovative projects while building a strong foundation for a successful career in technology.

**PROJECTS:**

**Customer Management System**

* **Designed and developed** a Customer Management System leveraging **SQL** for database creation and **Python** for backend operations.
* **Implemented database schemas** for storing customer details, purchase history, and feedback using **SQL relational models**..
* **Built CRUD operations** (Create, Read, Update, Delete) for managing customer data effectively through **Python-based interfaces**.
* **Optimized SQL queries** to improve data retrieval performance by **30%**, ensuring seamless operation and **Ensured data security** by implementing role-based access control and encryption for sensitive customer information.
* Integrated **Python applications with SQL databases** to handle complex customer queries and generate actionable insights..

**Smart City**

* **Designed and developed** a Smart City web application integrating **SQL** for database management and **HTML/JavaScript** for front-end development.
* **Built a relational database** using **SQL** to manage city resources, citizen information, and services such as transportation, healthcare, and utilities.
* **Developed dashboards** for monitoring city operations, displaying key metrics and analytics using JavaScript libraries.
* **Ensured data security and integrity**
* Conducted comprehensive testing and debugging to ensure a robust and scalable system for managing city operations.

**PROFESSIONAL CERTIFICATES:**

**Certification of Completion- JAVA Programming**

**Certification of Completion- Data visualization with power BI**

**PERSONAL DETAILS:**

Date of Birth: 13th oct, 2004

Nationality: Indian

Languages: English, Hindi

**ORGANISATIONAL LEVEL ACTIVITIES:**

* Participate in Knowledge sharing activities.
* Represented at district and state level in cricket.
* Participate in cultural activities in organization.

**HOBBIES:**

* Learning new things for both personal and professional growth.
* Listening Music, Travelling, Selective Reading.
* Sports like Cricket,Athelitics,etc

**DECLERATION:**

I have declared that all the details provided above are true to the best of my knowledge.