SANDEEP KUMAR

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Technical Skills

Back-end : Python | Django | SQL | Oops | Rest API
Front-end : HTML | CSS
Developers Tools : VS Code | Intellij | Pycharm | Github | Postman | Mysql Workbench | PHP my admin

Education

Deenbandhu Chhotu Ram University of Science & Technology	**2021 - 2024**
● Bachelor of Technology	
Integrated Institute of Technology, Delhi, India	**2018 - 2021**
● Diploma, Information Technology	

Pursuing - Full Stack Course

Qspiders	**July'24 - Present**

- Aspiring Trainee Developer with a strong foundation in programming languages such as Java, Python, Sql and Html. Eager to learn and contribute to real-world software development projects. Passionate about coding, problem-solving, and continuous skill development. Looking to collaborate with a dynamic team to enhance my technical skills and gain hands-on experience in software development.

Experience

Vits Pvt. Ltd.	Analyst	Internship	**January'21 – Apr'21**

- Conducted thorough code reviews to maintain high standards and identify bugs, while optimizing SQL database schemas, achieving a 35% improvement in system performance and a 50% reduction in query response time.
- Led code reviews to ensure code quality and bug identification, resulting in a 30% reduction in post-release defects, and engineered database optimizations in SQL, reducing query response time by 40% for faster data retrieval.

Projects

**Student Management System	Link**	**Mar'25**

- Developed an advanced Employee Registration system, revolutionizing employee management with efficient onboarding, accurate attendance tracking, and robust report generation; boosted employee productivity by 20% and cut manual data entry errors by 35%.

**Astrotalk Application	Link**	**Feb'25**

- Online platform that connects users with astrologers for personalized readings, horoscope predictions, numerology. Allows users to consult astrologers via chat, call. The tech and stack used in this application are Python, Django, Html, css.

**Register Form for Student Information	Link**	**Jan'24**

- CRUD refers to the four basic operations a software application should be able to perform - Create, Read, Update, and Delete. Crud applications provide a structured approach to managing data. They allow users to interact with data in a systematic and organized manner. The tech & stack used in backend - Python, Django, dB SQLite and in Frontend - Html, CSS.

Achievements

5 Stars on Hacker Rank
TCS NQT score: 72%

Certification

- Python pro Bootcamp through a UDEMY certification, 100 Days of code.
- Excelled in Python through a Great Learning certification, developing advanced scripts for data processing that increased data handling efficiency by 40% and reduced manual effort by 30 hours monthly.
- Mastered Python programming through a rigorous course by UDEMY, achieving proficiency in automating data analysis tasks, which saved the team over 50 hours per month.