AYUSH SINHA

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PROFESSIONAL SUMMARY

Third-year B.Tech Information Technology student at B.K. Birla Institute of Engineering and Technology, Pilani, with a foundation in Python, Java, C, C++ (OOP), and SQL. Experienced in developing small-scale applications and completing academic projects. Quick learner with strong problem-solving skills and a collaborative mindset, eager to apply technical knowledge to real-world software development challenges.

EDUCATIONAL QUALIFICATIONS

- **Bachelor of Technology in Information Technology**
  B.K Birla Institute of Engineering and Technology, Pilani, Rajasthan.   2022 - Present
- **Intermediate (Bihar School Examination Board)**
  R.R Inter College, Vaishali, Bihar.   2020 - 2022
- **Matriculation (Central Board of Secondary Education)**
  Holy Cross Public School, Muzaffarpur, Bihar.   2020

SKILLS

Technical Skills :
- **Programming Languages:** C, C++ (OOP), Python, Java
- **Software & Tools:** Qt Designer, VS Code, Git, Anaconda, Jupyter Notebook, Spyder, PyCharm
- **Databases:** MySQL (Design, Management, Querying)

Soft Skills :
- Effective Communication, Teamwork & Collaboration, Problem-Solving, Leadership & Initiative

INTERNSHIP AND TRAINING

Core Java Development Intern – Groot Software, Jaipur (45 Days, On-site)
- Developed backend modules using Java and OOP in a structured team environment.
- Optimized code and improved deployment workflows following industry best practices.

Python Programming Intern – InternPe, Jaipur (4 Weeks, Remote)
- Built Tic Tac Toe, Snake Game, Connect 4, Digital Clock using Python.
- Strengthened problem-solving and programming logic through weekly tasks.

Programming with Python – Internshala Trainings (6 Weeks, Remote)
- Developed PyQt GUI applications with SQLite integration.
- Applied Python in mini AI-based projects for practical learning.

C Programming Training – BKBIET, Pilani (15 Days, In-House)
- Learned C fundamentals and built small applications using loops, arrays, and pointers.

CERTIFICATIONS AND WORKSHOPS

Certifications:
- Core Java Development – Groot Software
- Python Programming – InternPe
- Programming with Python – Internshala Trainings
- C Programming – BKBIET, Pilani
- C++ Training – Spoken Tutorial Project, IIT Bombay
- Python 3.4.3 Programming – IIT Bombay
- Java Programming – IIT Bombay

Workshops & Participation:
- **AI/ML Workshop** – Explored core concepts of Artificial Intelligence & Machine Learning, including model training and real-world applications.
- **IoTCON Workshop on IoT** – Hands-on experience with Internet of Things (IoT) technology, sensor integration, and real-time data processing.