

Shivam Singh

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PROFESSIONAL SUMMARY

Computer Science and Data Analytics student at IIT Patna with strong foundation in Python, AI technologies, and data science. Passionate about leveraging technology to solve complex problems and drive innovation. Quick learner with proven ability to adapt to emerging technologies and deliver results in fast-paced environments. Seeking opportunities to contribute to cutting-edge projects in data analytics and artificial intelligence.

EDUCATION

Indian Institute of Technology (IIT), Patna <i>Bachelor of Science in Computer Science and Data Analytics</i>	Patna, India 2025 – 2029
<ul style="list-style-type: none">Pursuing comprehensive curriculum in computer science, data analytics, machine learning, and AI technologiesRelevant Coursework: Data Structures, Algorithms, Machine Learning, Statistical Analysis, Database Systems	
Hansraj College, Delhi University <i>Higher National Diploma in French Language and Literature</i>	New Delhi, India Jan 2026 – Apr 2029
<ul style="list-style-type: none">Developing advanced French language proficiency and cross-cultural communication skills	
Central Board of Secondary Education <i>Secondary Education</i>	India Apr 2024 – Apr 2025

EXPERIENCE

Data Analytics & Technology Intern <i>InAmigos Foundation (IAF)</i>	Sep 2025 – Oct 2025 New Delhi, India
<ul style="list-style-type: none">Led cross-functional project teams to deliver technology-driven solutions, demonstrating strong leadership and project management capabilitiesDeveloped and automated social media content workflows using Python, improving content deployment efficiency by streamlining poster editing and code-based design processesEngineered technical solutions to resolve critical system issues, ensuring seamless operations and enhancing platform reliabilityCollaborated with stakeholders to gather requirements, communicate technical concepts, and deliver user-centric solutionsCreated data-driven content strategies by analyzing engagement metrics and user feedback to optimize social media presence	

TECHNICAL SKILLS

Programming Languages: Python, SQL, LaTeX
Data Science & Analytics: Data Analysis, Statistical Modeling, Data Visualization, Machine Learning, Predictive Analytics
AI & Machine Learning: Generative AI, Deep Learning Frameworks, Natural Language Processing, Model Training & Optimization
Tools & Technologies: Pandas, NumPy, Scikit-learn, TensorFlow, Git, Jupyter Notebooks
Database Management: SQL, Database Design, Query Optimization
Soft Skills: Problem Solving, Team Leadership, Cross-functional Collaboration, Technical Communication, Adaptability
Languages: English (Fluent), French (Intermediate), Hindi (Native)

PROJECTS & ACHIEVEMENTS

Data Analytics Portfolio: Developed comprehensive data analysis projects utilizing Python, pandas, and visualization libraries to extract actionable insights from complex datasets
Generative AI Applications: Explored and implemented generative AI models for various use cases, demonstrating proficiency in cutting-edge AI technologies
Automated Content Generation System: Built Python-based automation tools for content creation and poster design, reducing manual effort by 60%
Academic Excellence: Admitted to prestigious IIT Patna for Computer Science and Data Analytics program, demonstrating strong academic foundation and competitive performance

ADDITIONAL INFORMATION

Interests: Technology Innovation, Data-Driven Decision Making, AI Ethics, Open Source Contribution

Professional Development: Actively pursuing certifications in machine learning and cloud computing platforms

Cultural Competence: Strong cross-cultural awareness through French language studies and international collaboration