

Shivam Singh

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PROFESSIONAL SUMMARY

Computer Science and Data Analytics student at IIT Patna with a strong foundation in Python, AI/ML technologies, and data science. National-level hackathon award winner (Innovathon 1.0 — 3rd Place, All India) with hands-on experience building AI-powered solutions for real-world problems including agriculture. Quick learner with proven ability to adapt to emerging technologies and deliver results in fast-paced environments.

EDUCATION

Indian Institute of Technology (IIT), Patna

2025 – 2029 | Patna, India

B.S. in Computer Science and Data Analytics

- Relevant Coursework: Data Structures, Algorithms, Machine Learning, Statistical Analysis, Database Systems

Hansraj College, Delhi University

Jan 2026 – Apr 2029 | New Delhi, India

Higher National Diploma in French Language and Literature

Central Board of Secondary Education

Apr 2024 – Apr 2025 | India

Secondary Education

AWARDS & ACHIEVEMENTS

■ 3rd Place — Innovathon 1.0 (National Level Hackathon)

2025

All India Ranking | AI/Technology Track

- Competed against teams from across India in a national-level innovation hackathon focused on AI and technology solutions
- Designed and presented an AI-powered solution that secured 3rd place among all participating teams nationwide
- Demonstrated strong problem-solving, rapid prototyping, and technical presentation skills under competition pressure

Academic Excellence

2025

Admitted to IIT Patna — Computer Science and Data Analytics

- Secured admission to one of India's most prestigious technical institutions through highly competitive national entrance examinations

EXPERIENCE

Data Analytics & Technology Intern

Sep 2025 – Oct 2025

InAmigos Foundation (IAF) | New Delhi, India

- Led cross-functional project teams to deliver technology-driven solutions, demonstrating strong leadership and project management capabilities
- Developed and automated social media content workflows using Python, improving content deployment efficiency by streamlining poster editing and code-based design processes
- Engineered technical solutions to resolve critical system issues, ensuring seamless operations and enhancing platform reliability
- Created data-driven content strategies by analyzing engagement metrics and user feedback to optimize social media presence

PROJECTS

Krishi-Net — AI-Powered Agricultural Intelligence Platform

2025

Personal Project | Python, Machine Learning, NLP

- Built an AI/ML-driven platform designed to empower farmers with data-driven insights for crop planning, yield prediction, and agricultural decision-making

<ul style="list-style-type: none">• Implemented machine learning models for crop recommendation, disease detection, and predictive analytics based on soil, weather, and regional farming data• Integrated natural language processing capabilities to make the platform accessible to farmers through intuitive query interfaces in regional languages• Architected the end-to-end solution from data ingestion and model training to deployment, demonstrating full-stack AI development capabilities	Automated Content Generation System	2025
	Python, Automation, Design Scripting	
	<ul style="list-style-type: none">• Built Python-based automation tools for content creation and poster design, reducing manual effort by 60%	
<ul style="list-style-type: none">• Developed comprehensive data analysis projects utilizing Python, pandas, and visualization libraries to extract actionable insights from complex datasets	Data Analytics Portfolio	2025
	Python, Pandas, Matplotlib, Seaborn	
<ul style="list-style-type: none">• Explored and implemented generative AI models for various use cases, demonstrating proficiency in cutting-edge AI technologies	Generative AI Applications	2025
	Deep Learning, LLMs, Prompt Engineering	

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, Natural Language Processing, Model Training & Optimization
- Tools & Technologies:** Pandas, NumPy, Scikit-learn, TensorFlow, Git, Jupyter Notebooks
- Database Management:** SQL, Database Design, Query Optimization
- Languages:** English (Fluent), French (Intermediate), Hindi (Native)
- Soft Skills:** Problem Solving, Team Leadership, Cross-functional Collaboration, Technical Communication