

# Shivam Singh

shivuladuushivam@gmail.com | linkedin.com/in/shivamsingh-2502cdh287 | New Delhi, India

## 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

- 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

- Built Python-based automation tools for content creation and poster design, reducing manual effort by 60%

#### **Data Analytics Portfolio**

2025

Python, Pandas, Matplotlib, Seaborn

- Developed comprehensive data analysis projects utilizing Python, pandas, and visualization libraries to extract actionable insights from complex datasets

#### **Generative AI Applications**

2025

Deep Learning, LLMs, Prompt Engineering

- Explored and implemented generative AI models for various use cases, demonstrating proficiency in cutting-edge AI technologies
- 

## **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