

Sourabh Chetan

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[LinkedIn](#) [GitHub](#) [Portfolio](#)

Profile

Software Developer and Data Enthusiast with strong expertise in Java, Python, Machine Learning, and Full-Stack Web Development. Experienced in building scalable web applications and machine learning-based systems with clean architecture and efficient backend logic. Passionate about solving real-world problems through technology, data analysis, and modern development practices.

Education

Master of Computer Applications (MCA) IMS Engineering College, Ghaziabad	2024 – 2026
Bachelor of Computer Applications (BCA) College of Commerce, Arts and Science, Patna	2021 – 2024
Intermediate St. Ann's High School, Patna	2019 – 2021
High School Arora International High School, Patna	2019

Experience

Python Developer Intern Codec Technologies Pvt. Ltd. (AICTE Approved)	Sep 2025 – Oct 2025
<ul style="list-style-type: none">Completed a 1-month internship focused on Python development and real-world problem solving.Developed and tested Python programs while improving debugging and code optimization skills.Gained practical experience in writing clean, maintainable, and scalable code.Worked on industry-oriented assignments simulating real software development workflows.	
Deloitte Technology Consulting Virtual Internship Forage	2024
<ul style="list-style-type: none">Completed consulting-based tasks involving technology solutions and business problem solving.Learned industry workflows, analytical thinking, and software consulting practices.	

Projects

Student Analytics System (Machine Learning Project)

- Developed a machine learning-based system to analyze student performance and predict academic outcomes.
- Applied data pre-processing, feature engineering, and predictive modeling using Python libraries.
- Generated analytical insights to identify performance trends and support decision-making.
- Integrated backend logic with a user-friendly interface for data visualization.
- Tech Stack:** Python, Pandas, NumPy, Scikit-learn, Flask, HTML, CSS, JavaScript

Hotel Management System

- Built a full-stack hotel management system for room booking, customer handling, and payment management.
- Implemented booking workflows, employee tracking, and database connectivity.
- Improved operational efficiency using structured backend architecture.
- Tech Stack:** Java (JSP, Servlets), JDBC, Oracle DB

Tara's Timebound Tasks (flask Web App)

- Developed a task management web application with real-time countdown timers and reminders.
- Designed responsive interfaces and notification features to improve productivity.
- Built scalable backend functionalities using Django framework.
- Tech Stack:** Django, Python, HTML, CSS, JavaScript

Technical Skills

Programming Languages: Java, Python, C, SQL

Machine Learning: Data Analysis, Data Pre-processing, Model Building, Predictive Analytics

Web Technologies: HTML, CSS, JavaScript

Frameworks: Django, Flask, JSP, Servlets

Databases: MySQL, MongoDB, Oracle

Tools & Platforms: Git, VS Code, IntelliJ IDEA, Render

Certifications

- Complete Data Science, Machine Learning, Deep Learning & NLP Bootcamp (99 Hours) – Udemy (2026)
- Web Development Certification – Udemy (2024)
- Generative AI Fundamentals – LinkedIn Learning (2024)

Soft Skills

Problem Solving • Leadership • Communication • Time Management

Languages

English • Hindi

Interests

Photography • Bike Riding • Web Research • Technology Exploration