

# SAURABH KUMAR SAHU

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## EDUCATION

**Government Engineering College West Champaran**

2022 – 2026

*B.Tech (Computer Science and Engineering – Cyber Security)*

*Pursuing 8th Semester*

## TECHNICAL SKILLS

**Programming Languages:** C, C++, Python, HTML, CSS

**Tools & Technologies:** VS Code, GitHub, Figma, MS Office (Excel, Word, PowerPoint)

**Core Competencies:** Data Analysis, UI/UX Design, Web Development, Machine Learning Fundamentals

## EXPERIENCE

**Data Analyst Intern**

June 2025 – July 2025

*Trailalytics Private Limited*

- Performed data cleaning, preprocessing, and analysis on large datasets using Excel and Python
- Recognized for quick learning, independent work ethic, and effective collaboration with cross-functional teams

**UI/UX Design Intern**

May 2025 – June 2025

*Neo Marche Ventures*

- Designed UI/UX interfaces using Figma for an immersive 3D e-commerce platform
- Created wireframes and interactive prototypes, collaborating with cross-functional teams

**Salesforce Developer Intern**

December 2023 – January 2024

*Smart Internz (Virtual)*

- Developed CRM applications using Apex, Lightning Web Components (LWC), and API integration
- Earned Salesforce Super Badges: Apex Specialist, Process Automation Specialist, Developer Super Set

## PROJECTS

**Abacus on Web | Web Development**

2024

- Developed the official website of the Abacus Technical Club (CSE Department)
- Implemented responsive design and user-friendly interface to enhance engagement

**Web App Development for National Seminar | Full-Stack Development**

2025

- Developed a web application hosted as a subdomain of the official college website
- Improved digital accessibility and event engagement for the national seminar

**AI-Driven Public Health Chatbot | Machine Learning**

2025

- Developed AI-based chatbot using ML algorithms; published research paper at NCETST-2025 achieving 90% accuracy
- Applied data preprocessing techniques to improve response relevance and accuracy

## CERTIFICATIONS

Cyber Security Essentials – Cisco Networking Academy

Python for Machine Learning & Data Science – iHub Divya Sampark, IIT Roorkee

C and C++ Programming – Spoken Tutorial, IIT Bombay

## RESPONSIBILITIES & ACHIEVEMENTS

- Selected in the Top 3 teams at the college-level Smart India Hackathon (SIH-2025) for the problem statement "ERP-based Integrated Student Management System" and qualified for submission on the National SIH Portal
- Secured 1st place in "Pictorial Presentation on Electric & Electronic Equipment" competition
- Secured 3rd place in "Technical Solution to Nearby Problem" and "Technical Model Presentation" events
- Coordinator, Abacus Club (Technical Club) – Led technical events, workshops, and managed club website (2022 – Present)
- Coordinator, National Conference (NCETST-2025) – Coordinated administrative and technical tasks (2024 – 2025)
- Student Coordinator – College Fest & Vortex 1.0 & 2.0 – Led coordination for Annual Day and Technical Fest (2023 – Present)

## PUBLICATIONS

Published a research paper at the National Conference (NCETST-2025) on machine learning-based diabetes prediction, achieving 90% accuracy with real-time deployment potential.