

Naina Sahu

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Professional Summary

Motivated MCA student with strong knowledge of Python, Django, MySQL, and cloud computing. Experienced in developing desktop and web-based applications with a focus on scalable software solutions. Passionate about learning new technologies and contributing to real-world IT and software development projects.

Technical Skills

Programming Languages: Python

Web Technologies: Django, HTML, CSS

Databases: MySQL

Cloud & Tools: AWS (IoT Core, Lambda, SNS), Tkinter

Other Skills: Software Development, Problem Solving, Database Management

Academic Projects

Swasthya Sathi (Healthcare IoT Application)

Sep 2025 – Dec 2025

Tech Stack: AWS IoT Core, Lambda, AWS SNS, Python

- Developed an IoT-based healthcare monitoring prototype to track heart rate and SpO2 levels.
- Implemented real-time alerts using AWS SNS for abnormal health readings.
- Designed a patient-doctor application for continuous health monitoring and emergency response.
- Planned future enhancement into a wearable smart health device.

Hotel Management System

Jul 2023 – Sep 2023

Tech Stack: Python, Tkinter, MySQL

- Built a desktop-based hotel management system to manage bookings, customers, billing, and staff records.
- Designed a user-friendly GUI using Tkinter for smooth operations.
- Integrated MySQL database for efficient data storage and retrieval.

Examination Management System

Jul 2023 – Dec 2025

Tech Stack: Python, Tkinter, MySQL

- Developed a desktop application to manage student exam records and results.
- Automated marks entry and result processing using a structured database system.
- Improved data accuracy and reduced manual administrative work.

Education

Master of Computer Applications (MCA)

Medicaps University – 8.84

Expected Dec 2026

Bachelor of Computer Applications (BCA)

Shri Shankaracharya Mahavidyalaya – 79.2%

Dec 2023

Higher Secondary (12th)

Nirmal Higher Secondary School, Jagdalpur

Dec 2020

Secondary (10th)

O.P. Jindal School, Raigarh

Dec 2018

Experience & Certification

Cloud Computing Intern | Launched Global July 2025 – Aug 2025

- Built Chatbot using Amazon Lex,
- Hosted website on server
- Configured and managed Virtual Private Clouds

Django Full Stack Development

Cloud Computing

