

SONAL

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Gorakhpur, UP

SUMMARY

I am a Computer Science student with basic knowledge of web development, especially in HTML, CSS, and JavaScript. I have worked on a few small projects where I handled the frontend design part. I am eager to learn more, gain practical experience through an internship, and improve my technical skills by working in a real-world environment.

CERTIFICATIONS

Coding and Programming, **Samsung Innovation Campus (INDIA)**

[link](#)

Machine Learning using Python, **NIELIT Calicut**

[link](#)

Hackblitz,IMMERSE'24 BY GDSC,MMMUT

[link](#)

DEVELOPMENT SKILLS

Technical Skills

- Frontend: HTML5, CSS3, JavaScript , Responsive Web Design, Python C- Language
- Frontend Library: React.js
- Backend: Node.js, Express.js
- Database: MongoDB
- Version Control: Git, GitHub
- Tools: VS Code
- Concepts: REST APIs, JSON, HTTP Methods

DATA SKILLS

Microsoft Excel

PROJECT

WATER QUALITY PREDICTION SYSTEM [GitHub](#)

July 2025

- Developed a machine learning model to predict whether water is safe for drinking based on physicochemical parameters.
- Built a full Flask web application with a clean, responsive UI for taking user input and generating real-time predictions.
- Performed data preprocessing, feature selection, and trained a Random Forest classifier for efficient prediction.
- Integrated an interactive Contact section with email functionality for seamless communication.

. HOSTEL MANAGEMENT SYSTEM [GitHub](#)

July 2024

- Developed a full-stack Hostel Management System with admin and student modules.
- Implemented secure login authentication for admin, staff, and students.
- Built modules for student registration, room allocation, room details & fee management.
- Added features for booking, availability checking, student profile management, and logout system.
- Managed backend using PHP & MySQL, ensuring smooth data storage, form validation & error handling.

Created a personal portfolio website showcasing projects, skills, and achievements using **HTML, CSS, and JavaScript**.

- Implemented a **responsive design** to ensure compatibility across devices.
- Integrated **smooth animations and interactive elements** for better visual appeal
- Working on improving the site's **SEO and accessibility** for wider reach

EDUCATION

2022-2026

Gorakhpur, Uttar Pradesh

BACHELOR OF TECHNOLOGY IN COMPUTER SCIENCE AND ENGINEERING

Deen Dayal Upadhyaya Gorakhpur University, Gorakhpur

20020-2022

Gorakhpur, Uttar Pradesh

Senior Secondary, XII (CBSE)

Smt. Draupadi devi Tripathi Inter college, Rudrapur, khajni

ACHIEVEMENTS

HackBlitz Hackathon

Participated in **HackBlitz**, where my team developed an **E-Learning Website**.

Focused on **frontend development** using **HTML, CSS, and JavaScript** to create an intuitive and responsive UI. Worked collaboratively to implement user-friendly navigation and interactive learning elements.

Smart India Challenge (SIC) Hackathon

Took part in the **SIC Hackathon**, where my team worked on a **School Management System**.

Designed and implemented a **Tkinter-based GUI** with **SQLite database** for efficient management. Integrated **login/logout functionality** and improved database operations for better performance.

PERSONAL DETAILS

- Date of Birth: 01/jan/2003
- Father Name: Awadhraj
- Permanent/Current Address: Village and Post Dhakhwa Bazar, District Gorakhpur, Uttar Pradesh, 273157
- Marital Status: Unmarried
- Passport Status: Not Available

Place: Gorakhpur, UP

Last Updated on: 28/Jul/2025