

# Kritika Sharma

## SOFTWARE DEVELOPER

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github.com/kritikasharmask14

### PERSONAL PROFILE

Front-End Developer with a solid foundation in HTML, CSS, JavaScript, and Java. Skilled in building responsive and user-friendly web interfaces, with experience collaborating in team environments to deliver high-quality projects. Looking for an opportunity to apply my knowledge and gain hands-on experience in a dynamic development team.

### WORK EXPERIENCE

#### Python & IoT Intern

July 2022 - Aug 2022

National Institute of Electronics & Information Technology (NIELIT), India

- Completed a one-month internship focusing on Python programming and Internet of Things (IoT) applications.
- Gained hands-on experience with Python libraries such as NumPy and pandas for data manipulation.
- Worked on IoT projects involving sensor data collection and real-time data processing.
- Collaborated with a team to develop a prototype for a smart home automation system using Raspberry Pi and MQTT protocol.

#### Industrial Training

June 2024 - July 2024

Full-Stack Development - Chandigarh University

- Focused on front-end development using HTML, CSS, JavaScript, and React.js.
- Gained foundational experience in back-end technologies like Node.js and Express.js.
- Collaborated on building a responsive web application, enhancing user interface design skills.

### TECHNICAL SKILLS

- Frontend:** HTML, CSS, JAVA, JAVASCRIPT
- Analytics & Visualization:** Python, SQL, Tableau, JIRA
- Database:** SQL, PostgreSQL

### PROJECTS

#### Hotel Management System

- Developed a web-based application to streamline hotel operations, including room booking, guest check-in/check-out, billing, and staff management.

#### Sales Data Analysis

- Cleaned and analyzed retail sales data using Python & SQL, and built Power BI dashboards to track KPIs and uncover sales trends.

### EDUCATION

#### B.Tech in Computer Science and Engineering

September 2023 - Present

Chandigarh University, Punjab, India

#### Diploma in Eletronics and communication Engg

May 2020 - Sep 2023

Govt. Polytechnic College for Women, Chandigarh

### CERTIFICATIONS

- Python and internet of Things (IoT) - National Institute of Electronics & information Technology (NIELIT), India (Sep 2022)
- React JS - Infosys Springboard (April 2024)
- Complete Data Analyst Bootcamp From Basics To Advanced - Udemy (September 2025)

### CO-CURRICULAR

#### Event Organizer - HackFest 2025

- Assisted in planning and executing a university-hackathon, coordinating logistics and participant engagement.