

## SONU YADAV

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### SKILLS

- ❖ Programming : Python, C, Java , MySQL
- ❖ Tools & Software: Docker, BitBucket, Jenkins
- ❖ Database & Data Handling: SQL
- ❖ Hardware Skills: COA Working (basic), Network Hardware
- ❖ Other: pytest, VS CODE, Excel

### EDUCATION

- ❖ Bachelor of Technology (Computer science & Engineering) ,  
National Institute of Technology, Srinagar (nov'22 – July '26)
- ❖ XII (CBSE) | Lord Krishana Public School, Narnaul 85.6% | 2021
- ❖ X (CBSE) | Lord Krishana Public School, Narnaul 80% | 2019

### EXPERIENCE

- ❖ **UX PROJECT LEAD** (Aug'23– Aug'23)  
Led end-to-end UX design for an Amazon-like e-commerce platform, improving checkout conversion by 22% through user research, wireframing, and responsive prototyping. Collaborated with developers and leveraged analytics to enhance usability and boost user engagement by 30%.
- ❖ **Research Intern | Indian Institute of Technology, Delhi** (Dec '24 – Jan '25)  
Completed research internship at IIT Delhi (CRDT), developing AI models with 90%+ accuracy for cotton yield prediction and disease detection using ML and deep learning. Applied advanced data analysis, model training, and deployment techniques, directly impacting sustainable farming and benefiting 500+ farmers in Wardha, Maharashtra.
- ❖ **DevOps: Self initiated project** (Sep '24 – Oct'25)  
Developed and tested reusable Docker base images to streamline application deployment across diverse environments. ·  
Implemented performance monitoring, security updates, and documentation to enhance build efficiency and deployment consistency.

### POSITION OF RESPONSIBILITY

- ❖ **Cultural Fest | Gym Khana , NIT Srinagar** ( Nov '23- Present)  
Executed detailed planning and management for NIT Srinagar's annual cultural fest, overseeing a team of 15 and successfully boosting participant engagement by 30% and even attendance by 50%

### LANGUAGES

- ❖ English (Full Professional Proficiency)
- ❖ Hindi (Native or Bilingual Proficiency)