

Sonali Yadav

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 [LinkedIn](#)
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Education

Indira Gandhi Delhi Technical University for Women <i>B.Tech in Computer Science Engineering (Artificial Intelligence)</i>	2023 – 2027 New Delhi, India
CRPF Public School <i>Senior Secondary</i>	2021 – 2022 New Delhi, India
Paramount International School <i>Secondary 86.2%</i>	2019 – 2020 New Delhi, India

Work Experience

Artificial Intelligence and Machine Learning Intern [Certificate] <i>Netaji Subhas University of Technology</i>	June 2025 – Aug 2025 New Delhi, India
<ul style="list-style-type: none">Developing an AI-powered healthcare platform focused on disease prediction and risk assessment tools.	
Web Developer Intern [Certificate] <i>Geeks Kepler</i>	May 2025 – July 2025 New Delhi, India
<ul style="list-style-type: none">Built “ShaktiSpace,” a health and wellness web platform for women.Implemented features like BMI/BMR calculator, PCOS risk tool, and disease predictors.	
Research Intern [Read Paper] <i>IGDTUW</i>	May 2024 – July 2024 New Delhi, India
<ul style="list-style-type: none">Applied ML algorithms (<u>Random Forest, XGBoost, Linear Regression</u>) to predict laptop prices.Improved prediction accuracy from 73% to 88% through model optimization.Research Paper Accepted at SMARTCOM 2025 (Scopus indexed) [Acceptance mail].	
Mobile App Development with AI Intern [Certificate] <i>IGDTUW</i>	May 2024 – July 2024 New Delhi, India
<ul style="list-style-type: none">Built 5+ AI-enabled mobile apps using Flutter and Android Studio, with chatbots, weather updates, and smart utilities via OpenAI and OpenWeatherMap APIs.Used 3 ML models to improve personalization and app performance.	

Projects

ShaktiSpace - Empowering Women’s Well-being [Live Demo] <i>HTML, CSS, JavaScript, Tailwind CSS, React, Git</i>	May 2025 – Aug 2025
<ul style="list-style-type: none">Architected a wellness platform with 8 women-centric health modules, used by 50+ users.Added tools like BMI/BMR calculator, period tracker, and PCOS/disease predictors.Designed a personalized UI with 5 themes and expert-linked modules.	
TaxEase - Income Tax Calculator [Live Demo] <i>HTML, CSS, JavaScript</i>	Jan 2025 – Feb 2025
<ul style="list-style-type: none">Engineered a high-performance, user-centric tax calculator for FY 2025–26.Designed a responsive interface for an optimal user experience.Used by 50+ users for real-time tax computation.	
LaptopLens - Laptop Price Prediction [Live Demo] <i>Python (Numpy, Pandas, scikit-learn, Streamlit), Flask, Git, Jupyter, PyCharm</i>	Aug 2024 – Nov 2024
<ul style="list-style-type: none">Achieved R² = 0.88, MAE = 0.15 with Random Forest model.Created an interactive UI for real-time price estimation.	

Technical Skills

- Programming Languages:** Java, Python
- CS Fundamentals:** Object-Oriented Programming, Data Structures, Algorithms, Operating Systems, DBMS, SQL, Computer Networks, Software Engineering
- Web Development:** HTML, CSS
- Libraries & Frameworks:** NumPy, Pandas, Seaborn, Matplotlib, Flask
- Tools:** Git, VS Code, PyCharm, Jupyter, IntelliJ IDEA, Render

Leadership & Extracurricular

PROTEGE - IGDTUW <i>Lead - Cohort Coordinator</i>	2024 – Present New Delhi, India
<ul style="list-style-type: none">Coordinated 10+ workshops, tracked progress, and fostered collaboration among 200+ students.	
TECHNEEDS - IGDTUW <i>Head - Event Management</i>	2023 – Present New Delhi, India
<ul style="list-style-type: none">Organized 15+ events, including a hackathon at Microsoft, and established 5+ community partnerships.	