Sonali Yadav

Email: sonaliyadavigdtu@gmail.com
Mobile: +91-9555066091

in LinkedIn
GitHub
LeetCode

Education

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

Work Experience

Artificial Intelligence and Machine Learning Intern [Offer mail]   **June 2025 −Present**
Netaji Subhas University of Technology   *New Delhi, India*

- Developing an AI-powered healthcare platform focused on disease prediction and risk assessment tools.

Web Developer Intern [Offer Letter]   **May 2025 − Present**
Geeks Kepler   *New Delhi, India*

- Building "ShaktiSpace," a health and wellness web platform for women.
- Implementing features like BMI/BMR calculator, PCOS risk tool, and disease predictors.
- Using HTML, CSS, JavaScript, and React to ensure a responsive and user-friendly design.

Research Intern [Read Paper]   **May 2024 − July 2024**
IGDTUW   *New Delhi, India*
- Applied ML algorithms (Random Forest, XGBoost, Linear Regression) 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]   **May 2024 − July 2024**
IGDTUW   *New Delhi, India*
- 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]   **May 2025 − Present**
HTML, CSS, JavaScript, Tailwind CSS, React, Git

- 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]   **Jan 2025 − Feb 2025**
HTML, CSS, JavaScript
- 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]   **Aug 2024 − Nov 2024**
Python (Numpy, Pandas, scikit-learn, Streamlit), Flask, Git, Jupyter, PyCharm
- Achieved **$R^2 = 0.88$, 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   **2024 − Present**
Lead - Cohort Coordinator   *New Delhi, India*
- Coordinated 10+ workshops, tracked progress, and fostered collaboration among 200+ students.

TECHNEEDS - IGDTUW   **2023 − Present**
Head - Event Management   *New Delhi, India*
- Organized 15+ events, including a hackathon at Microsoft, and established 5+ community partnerships.