Manvi Sharma

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EDUCATION

Indira Gandhi Delhi Technical University for Women — 2022-2026
Bachelor of Computer Science and Engineering in Artificial Intelligence — *CGPA: 8.53*

Bal Bhavan International School — 2021-2022
CBSE XII – Science — *Percentage: 93%*

EXPERIENCE

Research Intern at AI/DS Dept. IGDTUW — 29 May 2023 – 9 July 2023
PyTorch

- Conducted research on **Facial Emotion Recognition** and performed a comparative analysis of **three pretrained models** on the **CK+ Dataset**, ranking the models based on accuracy, F1 score, precision, and recall using graphs, loss curves and confusion matrices
- **EfficientNet** achieved top performance with an accuracy of **98.31%**, followed by **ResNet50** with 91.15%, and **VGG16** with 82.42%.
- GitHub Link

PROJECTS

2 A.M. Thoughts | *HTML5, CSS3* | *Hack With India* — 1 April 2024 – 6 April 2024

- Developed a frontend website aims at mental health and well-being of adolescents.
- The platform provides a safe space for users to share their experiences and engage in discussions.
- Deploy Link | Github Link

Happy Harvest | *HTML5, CSS3* | *Lean In Hacks 5.0* — 3 Feb 2024 – 6 Feb 2024

- Developed a frontend website, Happy Harvest, to address hunger and poverty issues.
- The project aims to redirect surplus cooked food to those in need through an innovative online platform.
- Deploy Link | GitHub Link | Devfolio Link

GalaxSoul | *Figma* | *Normid Hackathon* — 24 March 2023 – 26 March 2023

- Customized Netflix's UI/UX with a galaxy theme.
- Figma Link | Working Video Link

SKILLS

- **Languages**: Java, Python, SQL, HTML5, CSS3, JavaScript
- **Frameworks/Libraries**: PyTorch, Pandas, NumPy, Matplotlib, Figma
- **Developer Tools**: Google Colab, Jupyter, VS Code, IntelliJ, GitHub
- **Coursework**: Data Structures (DS), Object Oriented Programming Concepts (OOPs), Database Management Systems (DBMS), Computer Networks (CN), Operating Systems (OS)

ACHIEVEMENTS

- Solved **350+** coding questions on various platforms, including 80% on LeetCode, 15% on GeeksForGeeks, and 5% on Codeforces.
- Our team ranked in the top 25% among 1500 participants in the HackWithIndia Hackathon.

COURSES

- "Data Structures and Algorithms" from LearnYard. | Certificate
- Completed "Developing Soft Skills and Personality" from NPTEL with a score of 83%. | Certificate