Meenakshi Shukla

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EDUCATION

•**National Institute of Technology Delhi** *July 2022-June 2026*
B.Tech in Electronics and Communication Engineering **CGPA: 7.2**

EXPERIENCE

Network Design Intern at PGCIL
- Secure and Scalable College Campus Network. Divided the network into multiple VLANs (Academic, Admin, Hostel) for segmentation and security.
- Implemented dynamic routing using OSPF for efficient communication between departments. Applied subnetting to optimize IP address allocation across different blocks.
- Designed and simulated a scalable and secure network architecture for a college campus using Cisco Packet Tracer.

PROJECTS

COVID-19 Classification using ResNet CNN Model
- This is a model for the covid identification from the chest x-ray images. It will also the extent of severity and results into three main classification of the x-ray images are Normal, Mild, Severe.
- SVM-CNN for the feature extraction and SVM for the classification.
- segmentation masking Unet modal is used for the segmentation of the lungs. Link.

Task pal
- Task Pal connects homeowners with skilled domestic workers, addressing challenges in finding consistent work and reliable clients.
- Tech: Html, Css, Javascript,Using Html, Css, Javascript,Google API. Link.

Portfolio
- Developed a personal customised portfolio where I have integrted my all personal projects and progress.
- Tech: ReactJs, Css, Html, JavaScript, Node.js. Link.

TECHNICAL SKILLS

Languages: C++, Python

Development Skills: HTML, CSS, JavaScript, React.Js, Node.Js, Express.Js, MongoDB

Core Fundamentals: Data Structures & Algorithms, Operating Systems, OOPs, DBMS, Computer Network

Tools: Git, GitHub, PostMan, SQL

Soft Skills: Problem Solving, Self-learning, Presentation, Adaptability, Time Management

ACHIEVEMENTS AND POSITIONS OF RESPONSIBILITY

- Finalist in **CHHALAANG 2.0** Hackathon sponsored by Microsoft.
- **Training and Placement Cell** DATABASE Coordinator.
- Organized and participated in various **DSA** Coding Contests.
- Member of Tech Club at **UpVision** as a Web Developer.
- First Place in Volleyball - NIT Delhi ZEAL'24.
- Second Place in Drama - NIT Delhi FEST'23.

CODING PROFILE

Leetcode Link HackrRank Link GFG Link