

# Sophiya Singh

Portfolio: [Link](#)

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## EDUCATION

- **Madan Mohan Malaviya University of Technology** Gorakhpur, Uttar Pradesh, India  
*Bachelor of Technology - Computer Science and Engineering; CGPA: 7.72*  
Nov 2020 - June 2024
- **Academic Global School (2020)** **St. Joseph's School (2018)**  
*Intermediate; Percentage: 94.2* *High School; Percentage: 94.6*

## SKILLS

- **Languages:** C, C++, JAVA, JavaScript, Typescript, SQL, Python
- **Frameworks/Libraries:** Pytorch, Torchvision, Angular, ThreeJs, Rxjs, Bootstrap, Nodejs, Expressjs, Mongoose
- **Tools:** GIT, Github, MongoDB Atlas, Figma, Canva, Servicenow
- **Soft Skills:** Team Lead, Event Management, Technical-Writing, Public Speaking, Time Management, Creative

## EXPERIENCE

- **Servicenow -Link** Hyderabad  
*Intern Assoc. Software Engineer*  
June 2023 - August 2023
  - Developed a Git Manager application using the Servicenow platform.
  - Using Github API to retrieve data on organization repositories, branch protection rules, repository access controls.
  - Implemented the application through Servicenow UI Builder and leveraged key SN Administrative fundamentals.
  - Contributed in enhancing organizational efficiency and workflow by providing streamlined access to vital Github data.
- **Unacademy** Remote  
*Educator- GATE CS-IT*  
April 2023 - June 2023
  - I have been working as Gate(CS-IT) Educator at Unacademy focusing on the Subject Data Structures and Algorithms. I have taken 25+ hrs live sessions.
- **Advancedware Technologies Pvt Ltd. -Link** Remote  
*Frontend Developer - Angular*  
May 2022 - Nov 2022
  - I have Worked on the Angular PWA project. I Used Angular Reactive forms, Material Design, Mat Typography, ChartsJs, Monaco Editors. I built the whole app from scratch.
  - Using RxJs to write subscriptions, lazy loading, and virtual scrolls to enhance the performance of the application.
  - Written API calls for CRUD Operation for offline and Online functioning of the web app. Maintained clean and well-designed code throughout the internship period. A **Major Achievement** was to write an autofill service that was used by all the team members, in their assigned project
- **Chegg India** Remote  
*SME( Computer Science )*  
October 2022 - Present
  - I have solved 20+ questions related to Computer Science Subjects. Main subjects were DSA, DAA, TOC, DM, COA, OS, CN, CD, DLD, DBMS
  - The solution contains step-by-step explanations along with diagrams or even the working code in C++/JAVA.

## PROJECTS -Link

- **Image Classifier:** [Link](#)
  - Designed a command-line application ('train.py' and 'predict.py') for training networks with GPU support, allowing users to customize architectures and hyperparameters. **Tech Stack:** Python, Pytorch, Torchvision
- **The Dog Wiki:** [Link](#)
  - Full-Stack Application in MEAN- exploits The Dog API- Created endpoints for- search the dog's breed- display details about the dog's breed- and list top 10 dogs. **Tech Stack:** Javascript, Typescript, Angular Nodejs, Expressjs, Mongodb, Mongoose
- **Imallery:** [Link](#)
  - Full-Stack application in MEAN- users can find images uploaded by other users- Upload their own images- Perform CRUD operations on the images- used cloudinary to store images- and multer to upload files. **Tech Stack:** Javascript, TypeScript, Angular, Nodejs, Expressjs, Mongodb, Mongoose

## ACHIEVEMENTS

- **AWS AI/ML Scholar** Selected among 1000 student accross globe to be part of AI/ML Scholarship program organised by AWS on Udacity -Link
- **GATE General Aptitude Test in Engineering AIR:** 3667 - **Codechef CSTR2021** Rank 3
- **Solved 250+ problems** on Leetcode and GFG - **World Parliament Debate Competetion:** Runner Up
- **Interbranch Football Competetion:** Winner