

Sanjana Mooli

LinkedIn: Sanjana Mooli

Github: github.com/Sanjana741

Email: moolisanjana27@gmail.com

Mobile: +91-8008906745

EDUCATION

- Indian Institute of Technology, Patna** Patna, India
Bachelor of Technology - Computer Science and Engineering; CGPA: 8.39 2022 - 2026 (Expected)
- Narayana Junior College** Hyderabad, India
Board of Intermediate Education, Telangana; Percentage: 99.2 2020 - 2022

PROJECTS

- RECIPESFOLIO - FOOD BLOG WEBSITE : - ANGULAR17, SPRING BOOT**
 - Developed a full-stack blogging website where individuals can share their recipes. Facilitated a seamless integration between the Angular front-end and the Spring Boot back-end.
 - Achieved user authentication in the Angular front-end using Spring Security and JSON Web Token, along with intuitive login and registration interfaces.
- COLLEGE FACULTY APPLICATION PORTAL: - PHP, MYSQL, HTML, CSS, DOCKER**
 - Designed a PHP-based Faculty Recruitment Portal, integrating MySQL for data management, PDF generation with fpdf, and email notifications via phpmailer.
 - Implemented structured workflow enabling faculty registration, application submission, and profile management with seamless file handling and secure authentication.
- BRAIN TUMOR DETECTION: - PYTORCH, ULTRALYTICS YOLOv8, NUMPY**
 - Developed a YOLOv8-based deep learning model for real-time brain tumor detection, providing three views: raw medical images, annotated detections, and evaluation metrics.
 - Optimized data preprocessing, model training, and evaluation pipeline, achieving high precision and clear visualizations to assist in medical diagnostics.

SKILLS SUMMARY

- Languages:** C++, C, Python, HTML, CSS, JavaScript, MySQL.
- Tech Skills:** Data Structures and Algorithms, Database Management System, OOPS.
- Tools:** Jupyter Notebook, Google Colab, GitHub, VSCode, Atoms, Windows.
- Courses:** Data structures and Algorithms, Discrete Mathematics, Linear Algebra, Database Management Systems, Theory of Computation, Probability Theory and Random Processes, Microeconomics, Macroeconomics.
- Areas of Interest:** Technology, Development, Finance, Competitive Programming.

ACHIEVEMENTS

- GOOGLE GIRL HACKATHON'24 SEMI-FINALIST**- Made it to the top **200+** semi-finalists among **34k+** applicants from **700+** universities (top **0.5%**)
- CODESS.CAFE MENTEE**- Selected as **Mentee** for the Codess.Cafe Mentorship Program chosen from over a pool of **1000+** applicants
- KVPY SCHOLAR** - Successfully cleared the Kishore Vaigyanik Protsahan Yojana (KVPY) - **2020** exam with an All India Rank (AIR) of **774**.
- JEE ADVANCED** - Attained an All India Rank (AIR) of **4547** in JEE Advanced **2022** among **1.5 lakh** candidates, positioning within the top **0.02** percentile **nationally** among aspirants.
- CODECHEF** - Rated **3 Star** on **Codechef** with Max Rating of **1758**. Secured a global rank of **263** in **CodeChef Starters 107** among **21,000+** active participants
- CODEFORCES**- Rated as **Pupil** with Max Rating of **1377** and successfully solved a total of **500+** Questions
- SHE CODES FOUNDATION SCHOLAR** - She Codes Foundation has provided a scholarship that includes various web development courses. It features numerous workshops and full-time support from mentors.

EXPERIENCE / EXTRACURRICULAR

- CODESS.CAFE MENTORSHIP PROGRAM** Remote
Codess.Cafe Mentee June 2024 - Present
 - Engaged in structured mentorship, actively participating in workshops, networking events, and collaborative projects while receiving personalized guidance and feedback from industry mentors.
 - Gained skills in technology through hands-on projects and meetings and contributed to the program's community by sharing knowledge and supporting peers.