

CAREER OBJECTIVE

Eager to tackle new challenges, bring enthusiasm, a strong work ethic, and a fresh perspective to every endeavour.

WORK EXPERIENCE

**Research • Internship** Oct 2024 - Dec 2024  
MIT Square, London, Virtual

Conducted extensive research on diverse medical project topics to identify key challenges conceptualized an innovative application to address a critical problem and developed a functional prototype to demonstrate the solution.

EDUCATION

**B.S., Data Science** 2023 - 2028  
Indian Institute Of Technology Madras  
CGPA: 8.60/10

**Bachelor of Engineering (B.E), Computer Science & Engineering With Artificial Engineering** 2023 - 2027  
Sathyabama Institute Of Science And Technology  
CGPA: 8.60/10

PROJECTS

**DEEPPFAKE DETECTION**  
Oct 2024 - Nov 2024  
Developed a deepfake detection system using Python's Xception model in a group project. Focused on dataset preparation, model implementation, and optimization to accurately identify manipulated media, enhancing digital media authentication and security.

**FACE DETECTION**  
Jun 2024  
Designed and implemented a face detection system as an individual project using OpenCV in Python. Utilised Haar cascades and deep learning-based methods for real-time facial recognition, achieving efficient detection in various lighting condition.

SKILLS

- MS-Excel
- NumPy
- CSS
- Leadership
- Algorithms
- Python
- Pandas
- Teamwork
- Effective Communication
- Data Structures
- MySQL
- HTML
- Time Management
- Critical thinking

EXTRA CURRICULAR ACTIVITIES

- Technical head for IE(I) student chapter
- Technical Member of Sathyabama Coding Club
- Served as student coordinator and student speaker for the events conducted by Sathyabama university
- A member at Standard club, a communication club
- Winner of a quiz competition conducted on Digital Systems and Generative AI
- A part of core team member in the AI Club-IITM
- A member of Google Developer Student Club
- Was shortlisted as one of the finalist in Hack4change hackathon conducted in IIT-M's Margazhi event.
- Technical Team Member of an Extended Reality club