

# SREERAM A M

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## WORK EXPERIENCE

### Full Stack AI Intern, Leecognitek Solutions, India:

May 2024 – Present

- Initially was assigned to scrape websites using Selenium, Automated the whole process by acquiring all links from current websites to get the scrapping deeper which lead to 15% increase in the collection of data for the company.
- Furthermore, the data extracted needs to be pre-processed which was further automated to reduce the workload of the company by 10%.
- After that, my second work was to design the company's website, made it both eye-catching and functional using light-weight web components which got positive responses.

## PROJECTS

### Mental-Health-Assessment Application - 2024

A project to analyse a user's mental state using text and speech inputs and provide appropriate solution.

- Collected both speech and textual data from surveys, pre-processed using cv and nltk, finally trained a DL Model using TensorFlow to identify users mental state and built application which provides interactive solutions with precision of 90%.
- Used MERN Stack for application interface and implemented depression chatbot using TensorFlow.

### Real-Time Face Recognition Application - 2024

Build a Face-Recognition attendance management which efficiently manages all attendance procedures.

- A Face Recognition attendance system using cv2, csv, datetime, NumPy and OS packages.
- Model training using convo2D with real time dataset which can produce up to 90% accuracy (Approx.).

## SKILLS

**Data Analysis and Statistics:** NumPy, Pandas, matplotlib, Seaborn, Watson Studio, Power-Bi.

**Mini-Projects:** Small Websites with CRUD functionality using node.js, Basic predictions using various Machine Learning algorithms from scikit-learn package, Image recognition, OCR, Sentiment Analysis, NLP Chatbot, other small projects using Pytorch and TensorFlow (both from scratch and fine-tuned projects), web-scrapping using selenium.

**Programming:** Python, Java, C, JavaScript, C++, R Programming.

**Soft-Skills:** Optimistic, Communicative, Adaptive, Good-Leader, Problem-Solver, Efficient, Creative, Versatile, Networking.

## ACHIEVEMENTS

2024	<b>Finalist</b> in Make-A-thon, Sri Venkateshwara College of Engineering
2024	<b>Finalist</b> in Hack-AI-thon, St Joseph's College of Engineering
2024	<b>Finalist</b> in IdeaStrom, Indian Institute of Technology Roorkee
2024	<b>3rd prize</b> in AI Architects won Rs.1000, RMK College of Engineering Chennai.
2024	<b>1st prize</b> in Debugging, Saveetha College of Engineering Chennai
2023	<b>1st prize</b> in Code Combat won Rs 10,000, Satyabhama Institute of Arts and Science Chennai
2023	<b>Finalist</b> YESIST 12, IEEE -hosted by Sairam College of Engineering Chennai
2022	<b>2nd prize</b> in Treasure Seekers, SRM Institute of Technology Chennai

## CODING-PLATFORMS

LeetCode – 501 problems solved

Skill Rack - 1043 problems solved

## EDUCATION

**B.E, Computer Science Engineering.**  
Anna University, Chennai, India.  
St Joseph's College of Engineering.

Graduating May 2025.  
8.6 CGPA.  
(Up to 5<sup>th</sup> Semester)