

# SRI RAKSHA SIVA

Adaptable and motivated graduate with a strong academic background and a passion for emerging technologies. Skilled in leadership, communication, and collaborative problem-solving, with a focus on achieving team success and innovation.

## CONTACT

- +91 9940536939
- sriraksha17.siva@gmail.com
- Chennai
- www.linkedin.com/in/sri-raksha-siva-17exo02

## EDUCATION

Sri Ramachandra Institute of Higher Education and Research, Chennai, India (2021 - Present)

- Bachelor of Technology in Computer Science and Engineering (Artificial Intelligence and Data Analytics)

Velammal Vidyalaya CBSE, Chennai, India

- Higher Secondary Certificate (Class XII)

## SKILLS

- Hard Skills:** Python, Java, C, R | Machine Learning & Deep Learning | Web Development (Frontend, Node.js, Express.js, MongoDB) | Data Analytics (SQL, Power BI, Tableau) | NLP (Text & Sentiment Analysis)
- Soft Skills:** Communication, Leadership, Time Management

## PROJECTS

- Analyzing Mental Health and Sleep Cycles as Predictors of Academic Outcomes Using Deep Learning
- Social Sparkle: Community Engagement Hub
- Enhancing Cancer Diagnosis Precision with Machine Learning and RNA-seq Technology
- Reinforcement Learning for an Autonomous Taxi System
- Digital Signature Verification System
- IMBD Movie Ratings Prediction

## CERTIFICATIONS

- Business Analytics from the University of Pennsylvania Coursera
- Google Data Analytics Coursera
- Microsoft Business Analyst Professional Certificate Coursera
- Generative AI for Business Intelligence (BI) Analysts from IBM Coursera

## LANGUAGES

- Fluent: English, Tamil, Hindi

## WORK EXPERIENCE

- Data Science Intern** PRESENT  
**24/7 Customer Pvt. Ltd, Bengaluru**  
Developed an AI-powered pronunciation training app that provides real-time speech assessment and personalized feedback, for users preparing for language proficiency exams such as IELTS, TOEFL, GRE, and Duolingo.
- Machine Learning Intern** 2023  
**Nokia Network and Solutions Pvt Ltd, Chennai**  
Developed ML-based image detection models and a real-time web app for shopfloor optimization, enhancing efficiency and reducing errors.
- Deep Learning Intern (Internal)** 2023  
**Sri Ramachandra Institute of Higher Education and Research**  
Analyzed audio data for Voice Pathology Detection, identifying key patterns for diagnostic applications, and proposed RNN-based models for vocal nodule detection.
- Web Development Intern (Internal)** 2022  
**Sri Ramachandra Institute of Higher Education and Research**  
Developed "BEEFAST," a fully functional e-commerce website with seamless front-end and back-end integration.

## EXTRACURRICULAR ACTIVITIES

- Secretary General, Theatre Club at Sri Ramachandra Institute of Higher Education and Research (Nov 2022 - Nov 2023)
- Treasurer, Fine Arts Club at Sri Ramachandra Institute of Higher Education and Research (Feb 2023 - May 2023)
- Vice President, Entertainment Technology Club at Sri Ramachandra Institute of Higher Education and Research (Dec 2023 - May 2024)

## CONFERENCE PAPERS

### "Tweets in Flight: Analyzing Sentiment Dynamics in the Airline Industry"

- JoeRaj S Noel, Sri Raksha Siva, Pradeeksha

Presented at the Artificial Intelligence for Teaching, Learning & Application conference, Reva University. Awarded "Best Paper."

### "The AI Revolution: Transforming Education and Gender Equality to Meet SDGs 4 and 5"

- Supriya Sam Noel, Sri Raksha Siva, JoeRaj S. Noel

Presented at the Opportunities and Challenges in Artificial Intelligence conference, VTARTS Research and Innovation Committee, Vel Tech Ranga Sankar Arts College.

## RESEARCH PROJECTS

### "Voice Pathology Detection using Phonation" (Yet To Be Published)

- Sri Raksha Siva, Nived Suthahar, Prakash Boominathan, Uma Ranjan

Presented at: 3rd International Conference on Biomedical Engineering Science and Technology (ICBEST 2025), NIT Raipur

## PATENTS

- AI-Powered Hip Hop Healing and Recovery for Adults with PTSD (Application No: 202341081298)
- Voices Reimagined: AI-Powered Augmented Reality for Speech Intervention (Application No: 202441070385)