

SRI RAKSHA SIVA

📍 Chennai, India 📩 sri.raksha17.siva@gmail.com ☎ +91 9940536939 🌐 sri.rakshasivaportfolio.netlify.app
LinkedIn: [sri-raksha-siva-17exo02](https://www.linkedin.com/in/sri-raksha-siva-17exo02)

Profile

B.Tech graduate in Artificial Intelligence and Data Science with a strong foundation in data analytics, machine learning, and web development. Passionate about leveraging the intersection of technology and business to derive actionable insights, enhance decision-making, and drive strategic growth.

Skills

Hard Skills: Python | Machine Learning & Deep Learning | Web Development (Frontend, MongoDB) | Data Analytics (SQL, Excel, Power BI) | NLP (Text & Sentiment Analysis)

Soft Skills: Communication, Leadership, Time Management, Problem-Solving, Adaptability, Emotional Intelligence

Languages: English, Tamil, Hindi

Work Experience

Junior Business Analyst, Tendercuts.in

Chennai

Sep 2025 - Present

- Generate actionable insights to optimize operations, enhance forecasting accuracy, and improve inventory and revenue performance. Evaluate process efficiency and benchmark pricing to uncover cost-saving and operational improvement opportunities.

Data Science Intern, 24/7 Customer Pvt. Ltd

Bengaluru

Feb 2025 - July 2025

- Worked on 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, Nokia Network and Solutions Pvt Ltd

Chennai

2023

- Developed ML-based image detection models and a real-time web app for shopfloor optimization, enhancing efficiency and reducing errors.

Deep Learning Intern (Internal), Sri Ramachandra Institute of Higher Education and Research

Chennai

2023

- 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), Sri Ramachandra Institute of Higher Education and Research

Chennai

2022

- Developed "BEEFAST," a fully functional e-commerce website with seamless front-end and back-end integration.

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**. Awarded "**Best Paper**".

Conference Papers

"Tweets in Flight: Analyzing Sentiment Dynamics in the Airline Industry" (Yet To Be Published)

- 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 Sanku Arts College.

Projects

- Analyzing Mental Health and Sleep Cycles as Predictors of Academic Outcomes Using Deep Learning (ML)
- Social Sparkle: Community Engagement Hub (Website)
- Enhancing Cancer Diagnosis Precision with ML and RNA-seq Technology (ML)
- Reinforcement Learning for an Autonomous Taxi System (RL)
- IMBD Movie Ratings Prediction (DS)
- Marvel Verse - Fan E-commerce Page (Website)

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

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)

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)

Education

B.Tech Sri Ramachandra Institute of Higher Education and Research, Chennai, India

2021 - 2025

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