

# SRI RAKSHA SIVA

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## 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

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**"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

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- 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

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- 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

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- **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

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- **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

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**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)