

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

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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 Sanku 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)