

# SAMUEL ADIRALA

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## CONTACT

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## EDUCATION

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<b>Lakireddy Bali Reddy College of Engineering, Mylavaram.</b> <i>Bachelor of Technology in Computer Science and Engineering (CSE)</i>	2020 - 2024 CGPA: 9.02/10.0
<b>Sri Vagdevi Junior College, Nuzvid.</b> <i>Board of Intermediate Education, Andhra Pradesh</i>	2018 - 2020 GPA: 9.88/10.0

## TECHNICAL SKILLS

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- Languages: C, Java, Python, HTML, CSS.
- Tools: GitHub, Eclipse, VS Code.
- Technologies: Web Development, Machine Learning, Data Analytics, Internet of Things.

## CERTIFICATIONS

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- CISCO: Python programming.
- CISCO: Introduction to IoT.
- Wipro FutureSkills: AI Foundations.
- AWS: Cloud Foundations.
- AWS: Machine Learning Foundations.
- NPTEL: Data Analytics With Python.

## PROJECTS

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- Voice-Driven Intelligence on Wheels: A Speech-based Smart Vehicle** | *CNN, IoT.* March. 2024
- Designed a Deep Learning-based Speech Recognition Algorithm & integrated with IoT technologies, enhancing real-time voice commands for smart devices.
  - Published the Project Technical Paper in the 7th International Conference on Inventive Computation Technologies (ICICT 2024).
- Audio Question Answering** | *Machine Learning, Natural Language Processing.* Feb. 2023
- Executed a team project during JIO PLATFORMS LIMITED (JPL) Internship.
  - Audio question answering (AQA) is a multimodal translation task where a system analyzes an audio signal and a natural language question, to generate a desirable natural language answer.
- Contact Tracing Using ML** | *Machine Learning, Python, Flask API.* Aug. 2022
- Designed and implemented an innovative machine learning application during an APSSDC Hackathon.
  - Contact tracing is a valuable method of stopping disease spread of any kind. It is currently being used to help prevent the spread of the COVID-19 pandemic.

## INTERNSHIPS

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- GRIBE Technologies** | *Tutor* Aug.2023 - Apr.2024  
Technical Tutor for Bsc. Students.
- Jio Platforms Limited** | *JPL* Dec. 2022 - Feb.2023  
Involved in developing a Research-based Natural Language Model.
- Advance Certification on Emerging technologies** | *APSSDC & IES Pvt. Ltd.* Mar.2022 - Aug.2022  
Developed a small ML Application - Contact Tracing.

## ACHIEVEMENTS & INTERESTS

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- Secured 2nd Prize for Project Expo Led by ML club, Dept. of CSE, LBRCE.
- Shortlisted for final round ADC Hackathon Organised by APSSDC & Indo-Euro Synchronization Pvt Ltd.
- Runners in Innovation Fair Conducted by JNTUK.
- Interests: Reading Non-Fiction Books, Cooking, Music, Photography.