SAMUEL JOSEPH KARETLA

📍 Tirupati

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EDUCATION – Bachelor of Technology, Computer Science and Engineering

B.Tech - CSE	2020 - 2024	Sree Vidyanikethan Engineering College	8.93 (as of Nov - 2023)
Diploma in Programming	2023 - (Expected by Jan-2024	Indian Institute of Technology, Madras (Online)	8.12 (in 1st semester)
XII Class	2019	Vijayam Junior College	9.53
X Class	2017	Sri Chaitanya High School	9.2

INTERNSHIP

- **Salesforce Developer Virtual Internship - SmartInternz**   **(Oct - Dec, 2022)**

ACADEMIC PROJECTS

Precision diagnosis of Diabetic Retinopathy - in progress

- Actively involved in a project that employs deep learning techniques to assess diabetic retinopathy. Utilizing convolutional neural networks (CNNs) for the analysis of fundus images, the project focuses on accurately detecting and classifying the severity of diabetic retinopathy

Online Grocery Website (GrocerEase)

- Designed and implemented GrocerEase, an online grocery platform. Leveraged HTML, Bootstrap, CSS, and JavaScript for the frontend, while employing Flask and SQLAlchemy for the backend. Managed data using SQLite and implemented a robust Admin dashboard for efficient CRUD operations on the database.

subEditBot - Telegram Bot

- Developed a Telegram bot that processes video and audio files, generating SRT-format subtitles. Implemented a feature to seamlessly embed these subtitles to the video, enhancing accessibility and user experience.

CERTIFICATIONS

- AZ - 900, Microsoft Azure Fundamentals
- Web Applications for Everybody - Coursera
- Pearson MePro Level 10 Expert

SKILLS

- Programming Languages: *Java, Python, CPP*
- Web Technologies: *HTML, CSS, JavaScript, PHP*
- Database: *PostgreSQL, SQLite3, PL/SQL, MySQL*