SRINIVAS RAO TAMMIREDDY

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OBJECTIVE

I am a **Computer Science Engineering** student at MLRITM, Hyderabad, passionate about **learning** new technologies and developing software applications. I strive to work on challenging assignments that offer job satisfaction and steady **professional growth**.

EDUCATION

Marri Laxman Reddy Institute of Technology and Management — **Nov. 2021 – Present**
B.Tech - CSE, 8.94(Current)/10 CGPA, Qualified GATE 2025 [CS] — *Hyderabad, IND*

Sri Chaitanya Junior College — **June 2019 – Apr. 2021**
Science with Maths, 94.8% Higher Secondary, JEE (Main) 2021 - 81.70 percentile — *Hyderabad, IND*

RELEVANT COURSEWORK

- Data Structures
- Algorithms Analysis
- Operating Systems
- Web Technologies
- Database Management
- Applied Mathematics
- Software Engineering
- Cryptography

EXPERIENCE

Programming Lead — **June 2023 – June 2024**
Google Developers Students Club — *MLRITM, Dundigal*
- Mentored juniors, improving their Technical relationship with Google Developer Tools.
- Organized workshops and bootcamps, fostering a collaborative learning environment.

Software Engineer Assistant Intern — **July 2024 – Dec 2024**
Keertana Information Technology Solutions Limited — *KITS Ltd, UK*
- Assisted in developing backend for web portals with backend support.
- Developing an analytics dashboard for the company using Streamlit.

PROJECTS

IBCM: Image-Based Construction Monitoring | *Python, Flask, ~~React~~* — **Jan 19, 2025 – Present**
- Developed a web application for monitoring construction progress through image analysis.
- Implemented image processing algorithms to extract progress metrics from construction site photos.
- Created dashboard for schedule comparison and progress visualization.

Magpie | *Python, Tkinter* — **Feb 12, 2024 – May 15, 2024**
- Developed a Python application using the Tkinter library for Encrypting & Decrypting files.
- Implemented a command line interface (CLI) and implemented symmetric encryption (SHA-256) and hashing techniques using cryptography.fernet library.

Quote of the Day | *Flutter, Dart* — **April 29, 2024 – Present**
- Developing a mobile application that shows quotes of the day.(Pre release was done on 6th Aug 2024)
- Implementing share features and data storage and following Material-3 Design for UI/UX.

TECHNICAL SKILLS

Technical Languages: Java(Core), Python, Dart, C Language, *C#, *SQL, *HTML & *CSS
Developer Tools: MySQL Workbench, Jira, Git, Github, Visual Studio Code, *Linux, *JetBrains PyCharm, Star UML, Jupyter Notebook, *MS Excel, *MS Word, *MySQL.
Technologies/Frameworks: Flutter, Material-3 Design, LaTeX, Streamlit, *Flask, *Blockchain, *Machine Learning
Elementary proficiency

CODING PROFILES

<u>**Leetcode**</u>: @tsrin2003 1,448 (Max Rating) — <u>**CodeChef**</u>: @srinu2003 1,641 (Max Rating) [3 Star]
<u>**HackerRank**</u>: @tsrin2003 C-Programming — <u>**Codeforces**</u>: @srinu2003 858 (max. newbie, 858)
<u>**InterviewBit**</u>: @srinu2003 130638 (Global Rank)

CERTIFICATIONS/COURSES

- **PCAP: Programming Essentials in Python** by Cisco 🔗 (Jul. 2022)
- **Python: The Professional Guide For Beginners (2024 Edition)** by Federico Azzurro 🔗 (May. 2024)
- **Python (Basic) certification** by HackerRank 🔗 (May. 2024)
- **CLA: Programming Essentials in C** by Cisco 🔗 (Aug. 2022)
- **UI/UX Hackathon** by MLRITM Department of C.S.E 🔗 (Sep. 2021)

HONORS AND AWARDS

- **Top 1** in Internal Coding Contest(Data Structures and Algorithms) conducted by Smart-Interviews, MLRITM
- **Top 2** in Bugbounty Contest in Tech Fest conducted at MLRITM