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*

Siddhartha High School   Apr. 2019
Secondary School, 9.7/10 CGPA   *Chintal, Hyderabad*

RELEVANT COURSEWORK

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

EXPERIENCE

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

Software Engineer Assistant Intern   June 2024 – Dec 2024
Keertana Information Technology Solutions Limited   *KITS Ltd, UK*
- Developing and maintaining databases for company projects, ensuring optimal performance.
- Collaborating with the development team to implement new features and functionalities.
- Assisting in the development of web portals (Kits-HRMS, Kist-AP, Kits-IHP) with databasea and backend support.
- Developing an Analatics Portal (Kits-ADAT) as part of company's product development.

COMPETITIONS & HACKATHONS

UI/UX Hackathon   Sep. 2021
MLRITM Department of C.S.E   *MLRITM, Dundigal*
- Designed adaptive UI/UX for cross-platform applications based on Material Design principles.

PROJECTS

IBCM: Image-Based Construction Monitoring | *Python, Flask, React*   Jan 19, 2025 – Present
- Developed a web application for monitoring construction progress using images.
- Enabled users to upload construction site images, analyze them using image processing techniques, and generate insights on construction progress.
- Provided features to compare progress with schedules and view detailed progress reports.

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.
- 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

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

Certifications/Courses

- **PCAP: Programming Essentials in Python** by Cisco ☑ (Jul. 2022)
- **Cisco Network Academy certification** by Essential and Advanced C ☑ (Aug. 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)

Contributions

Lab Manual Preparation   **Jul 12, 2024 – Present**
Skill Development Course (UI Design with Flutter)   *MLRITM, Dundigal*
- Authored and designed a comprehensive lab manual covering topics like Flutter and Dart SDK installation, widgets, responsive UIs, state management, animations, REST API integrations, and unit testing.
- Ensured alignment with academic outcomes and provided additional resources for self-paced learning.
- Integrated official references from Flutter Documentation, Material Design Guidelines, and third-party tools.
- GitHub Repository Link: Flutter-Lab

MLRITM Seminar Report Template   **Jan. 2024 – Present**
LaTeX Template for Academic Documents   *MLRITM, Dundigal*
- Designed and developed a comprehensive LaTeX template for standardizing seminar reports across departments.
- Implemented proper formatting with title page, table of contents, bibliography, and section styling according to institutional guidelines.
- Created documentation and examples to help students to easily use the template.
- Overleaf Link: MLRITM-seminar-report-template

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