

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 <i>B.Tech - Computer Science and Engineering, 8.94(Current)/10 CGPA</i>	Nov. 2021 – Present <i>Hyderabad, IND</i>
Sri Chaitanya Junior College <i>Science with Maths, 94.8% Higher Secondary, JEE (Main) 2021 - 81.70 percentile</i>	June 2019 – Apr. 2021 <i>Hyderabad, IND</i>
Siddhartha High School <i>Secondary School, 9.7/10 CGPA</i>	Apr. 2019 <i>Chintal, Hyderabad</i>

RELEVANT COURSEWORK

<ul style="list-style-type: none">Data StructuresDatabase Management	<ul style="list-style-type: none">Algorithms AnalysisApplied Mathematics	<ul style="list-style-type: none">Operating SystemsSoftware Engineering	<ul style="list-style-type: none">Web TechnologiesCryptography
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EXPERIENCE

Programming Lead <i>Google Developers Students Club</i> <ul style="list-style-type: none">Mentored juniors, improving their technical skills with Google Developer Tools.Organized workshops and bootcamps, fostering a collaborative learning environment.	June 2023 – June 2024 <i>MLRITM, Dundigal</i>
Software Engineer Assistant Intern <i>Keertana Information Technology Solutions Limited</i> <ul style="list-style-type: none">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 database and backend support.Developing an Analytics Portal (Kits-ADAT) as part of company's product development.	June 2024 – Present <i>KITS Ltd, UK</i>

COMPETITIONS & HACKATHONS

UI/UX Hackathon <i>MLRITM Department of C.S.E</i> <ul style="list-style-type: none">Designed adaptive UI/UX for cross-platform applications based on Material Design principles.	Sep. 2021 <i>MLRITM, Dundigal</i>
Kavach 2023 <i>Innovation & Incubation Center</i> <ul style="list-style-type: none">Participated in a 24-hour hackathon to develop a real-world problem-solving solution.	Apr. 2023 <i>MLRITM, Dundigal</i>

PROJECTS

IBCM: Image-Based Construction Monitoring <i>Python, Flask, React</i> <ul style="list-style-type: none">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.	Jan 19, 2025 – Present
Magpie <i>Python, Tkinter</i> <ul style="list-style-type: none">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.	Feb 12, 2024 – May 15, 2024
Quote of the Day <i>Flutter, Dart</i> <ul style="list-style-type: none">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.	April 29, 2024 – Present





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, L^AT_EX, 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)

CONTRIBUTIONS

Lab Manual Preparation	Jul 12, 2024, – Present
<i>Skill Development Course (UI Design with Flutter)</i>	<i>MLRITM, Dundigal</i>
<ul style="list-style-type: none">• 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	

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