Singamreddy Tarakeswar Reddy

LinkedIn:linkedin.com/in/tarakreddy011/ Email: singamtarak011@gmail.com
GitHub: github.com/Tarakreddy011dy011/ Mobile+916306341937

SKILLS SUMMARY

- **Languages:** Java, Python, Kotlin
- **Frameworks:** HTML, CSS, Selenium Web Driver
- **Developer Tools:** Eclipse, Git, GitHub
- **Core CS Fundamentals:** Data Structures and Algorithms (DSA), OOP, Operating System
- **Soft Skills:** Leadership, Problem-Solving, Communication, Adaptability, Team work

PROJECTS

School Management System | GitHub Since Aug'25 - Present

- Developing an Android application to manage daily tasks with add, delete, and update functionalities.
- Implementing efficient search and sort algorithms using DSA concepts to organize tasks by priority and deadlines.
- Designing the app using OOP principles and a modular architecture to improving scalability and maintainability.
- Utilizing Git and GitHub for version control, ensuring clean commit history and collaborative readiness.

REST API | GitHub Jan'25 - Feb'25

- Engineered a RESTful API supporting CRUD operations to facilitate efficient data management and retrieval.
- Integrated superbase as the backend storage solution to ensure secure, scalable, and reliable database operations.
- Conducted rigorous API testing and debugging using Postman to guarantee optimal performance and error-free endpoint performance and error-free endpoints responses.
- Designed a streamlined system architecture to establish seamless and fast communication between the client and server.

YasDee Online E-com Platform | GitHub Sep'24 - Dec'24

- Built an e-commerce website to list 20+ handmade craft items with images, pricing, and descriptions, improving product visibility by 30%
- Added WhatsApp order integration, enabling customers to place orders in 1 click without signup.
- Implemented a LocalStorage-based cart that retains items after refresh, increasing user retention by 25%.
- Deployed the website on Vercel and managed version control using Git and GitHub.

TRAINING

DSA | LPU SKILL DEVELOPMENT Jul'25

- Learned core Data Structures & Algorithms including arrays, linked lists, stacks, queues, trees, and graphs.
- Practiced problem-solving using time and space complexity analysis on platforms like LeetCode.
- Improved algorithmic efficiency and coding performance through structured learning.
- Gained the ability to analyze and implement optimized algorithms, improving problem-solving efficiency and coding performance

CERTIFICATIONS

- Master Generative AI & Generative AI tools (ChatGPT & more) | Udemy Sept'25 - Oct'25
- Data Structure and Algorithms | LPU Skill Development Jun'25 - Jul'25
- Python Industrial Training | Code Sprit Feb'24 - Mar'24

ACHIEVEMENT

- Performed manual testing on wed & Android applications to identify UI and functional

EDUCATION

- **Lovely Professional University** Punjab, India
  Bachelor of Technology Jun'21 - Present
  CGPA: 7.00
- **Vardhan Reddy Jr College** Andhra Pradesh, India
  Intermediate – PCM Jun'21 - Mar'23
  Percentage: 86.8
- **VBR Schools** Andhra Pradesh, India
  Matriculation: 100 Apr'20 - Mar'21