MARADIHALLI KRISHNA VARSHITHA

KADAPA, ANDHRA PRADESH
mkvarshitha7@gmail.com
LinkedIn: **Krishna Varshitha Maradihalli**
GitHub: **iamvarshitha**
9490869939

Seeking for challenging opportunity, ready to accept work out of comfort zone and technologies. I would like to work with an esteemed company that gives me a platform to use my knowledge and skills to reflects the growth of the company and myself.

EDUCATIONAL QUALIFICATION

Examination		Institute	Year	Marks/%
Under Graduation	*Bioinformatics*	SASTRA Deemed University	2026	8.21
Minor Specialization	*Cyber Security and IoT*			
Intermediate	*BiPC*	Sri Chaitanya Jr. College, Hyderabad	2022	94%
Matriculation	*10th*	Narayana EM High School, Nellore, AP	2020	100%

TECHNICAL SKILLS

- **Languages:** Python, R, Basics of C, C++
- **Database:** MySQL, MongoDB
- **Web development Tools:** HTML, CSS, JS
- Basics of Data Structures and algorithms

MAJOR PROJECTS AND INTERNSHIPS

- **Netflix Movie Recommendation System** — *GitHub*
  - Developed a content-based recommendation system using Machine Learning on movie metadata.
  - Implemented the system in Python using Pandas, scikit-learn, and Stream lit for an interactive web interface.

- **IoT-Based Health Monitoring System** — *GitHub*
  - Built a real-time IoT-based monitoring device tracking 5+ vitals using ESP32 with sensors.
  - Enabled remote tracking via a Thing Speak-based dashboard.

- **IoT – Based Cloud integrated system for EV-Battery Maintenance - Ongoing**
  - Engineered IoT solution to monitor EV battery parameters, integrated with cloud for real-time analytics.
  - Implemented cybersecurity measures with TLS encryption and device authentication to ensure secure data transmission.

- **Prodigy Infotech (Web Development Intern)**
  - One-month internship in web development.
  - Created a weather forecast web application.

- **Indian Academy of Science Summer Research Fellowship**
  (Guide: Dr. Ganesh Chandra Sahoo, May 2024 – July 2024)
  - Serological Diagnosis of Chikungunya Virus and Computational Antiviral Drug Designing.
  - Tasks: RNA Isolation, DNA Isolation, PCR, Real-time PCR, ELISA, Molecular Docking, Molecular Dynamics Simulation

CERTIFICATIONS

- Meta Front-End Developer – Coursera
- HackerRank Certification: SQL

LANGUAGES

- English – Full Working Proficiency • Telugu – Native Proficiency • Hindi – Professional Working Proficiency

SOFT SKILLS

- Interpersonal Communication • Creative Thinking • Problem Solving and Persistence • Active Listening

HOBBIES

- Editing • Reading