

# VINAY MURALI KRISHNA KALLAPALLI

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**WWW:** <https://github.com/vinay-murali-krishna>

## PROFESSIONAL SUMMARY

Detail-oriented Computer Science graduate skilled in Java, Python, SQL, and full-stack web technologies. Experienced in AI-based projects, cloud platforms (AWS), and problem-solving, seeking an entry-level role as a Software Developer, Full-Stack Developer, or AI Engineer.

## SKILLS

**Programming Languages:** Java, Python, C++, SQL, MySQL, HTML, CSS, JavaScript      **Cloud & Tools:** AWS Cloud Foundations, AWS Data Analytics, Agile Scrum, GitHub

**AI & Machine Learning:** AI Model Development, ChatGPT, AI Tools (Grok, Julius AI, Gamma, Merlin, NotebookLM)      **Soft Skills:** Communication, Analytical Thinking, Problem Solving, Project Management

**Databases:** MySQL, SQL Queries, Database Management

## EDUCATION

### B.Tech: CSE

CMR Engineering College | Hyderabad, Telangana | Aug 2024

CGPA:7.57

### INTERMEDIATE: MPC

Sri Chaitanya Junior College | Hyderabad, Telangana | Mar 2020

Percentage:74.7%

### SSC: X

Bhashyam High School | Guntur, Andhra Pradesh | Jun 2018

Percentage:88.35%

## EXPERIENCE

### Data Analytics Virtual Internship

AICTE-EduSkills | May 2023-Jul 2023

- Completed a **10-week data analytics program** involving real-world datasets.
- Applied **data visualization, data cleaning, and statistical analysis** to derive actionable insights.
- Enhanced problem-solving skills and improved efficiency in interpreting complex datasets.

## PROJECTS

- **Fake Image Identification Using Local Binary Patterns**  
Developed an image authentication tool using **Local Binary Patterns (LBP)** to detect manipulated images. Suggested integration with **deep learning models** for enhanced detection accuracy.
- **Artificial Intelligence for Prediction of SQL Injection Attacks**  
Designed and implemented an **AI-based predictive model** to identify and prevent SQL injection attacks. Improved cybersecurity by enabling proactive defense mechanisms using **machine learning algorithms**.
- **Voice Assistant – "Ultron"**  
Created a multifunctional **Voice Assistant** with **person recognition, customizable commands, and advanced speech processing**. Enhanced user experience through personalized interaction features.
- **Facial Recognition Attendance System**  
Built an attendance tracking system for government-aided schools using **facial recognition technology**, reducing manual errors and increasing accuracy in student data management.

## CERTIFICATIONS

- Advanced C++ Training – IIT Bombay (Spoken Tutorials)
- Advanced Python 3.4.3 Training – IIT Bombay (Spoken Tutorials)
- AI Tools & ChatGPT Workshop – be10X
- Agile Scrum Master – SkillUP by Simplilearn
- AWS Academy Graduate – Cloud Foundations
- AWS Academy Graduate – Data Analytics

## ACHIVEMENTS AND PARTICIPATIONS

- **Qualified**, Smart India Hackathon 2022 – CMREC
- **Finalist**, National Level Code-A-Thon 2023 – CMRCET
- AI Club Student Coordinator – 2022–2023
- Overall Activities Club Student Coordinator – 2022–2024
- Cultural Club Co-Committee Member – 2023

## DECLARATION

I declare that the information provided above is true and accurate to the best of my knowledge.

– **Kallapalli Vinay Murali Krishna**