

KARTHIK ALLE

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Hyderabad, Telangana, India

EXPERIENCE

Software Developer Intern [\[VOE\]](#)

Yahoo Software Development Private Limited (Remote)

Feb 2025 – April 2025

Hyderabad, India

- **Migrated legacy Performance Monitoring Tool (PMT)** from a monolithic PHP application to a modern full-stack architecture with React-based UI.
- **Designed and implemented responsive user interfaces** using React, enhancing usability and visual consistency across devices.
- **Collaborated on PMT to Looker migration**, integrating backend data with Google Cloud Looker and developing interactive visualization dashboards (Explores).

Research Trainee [\[Certificate\]](#)

International Institute of Information Technology Hyderabad

May 2024 – Oct 2024

Hyderabad, India

- **Selected among top-performing B.Tech students** from AICTE-accredited institutions in Hyderabad for a competitive 6-month AI/ML training program by iHub-Data, IIIT Hyderabad..
- **Completed 24 weeks of intensive coursework** in Artificial Intelligence and Machine Learning, covering supervised/unsupervised learning, deep learning, and model evaluation.
- **Demonstrated proficiency through regular assessments** and earned a certificate of participation for successful completion of the program.

PROJECTS

E-Commerce Price Tracker & Analyzer

- **Developed an automated web scraping tool using Selenium WebDriver** to track real-time product prices across 5+ items on Amazon India, generating comprehensive reports in Excel and JSON formats.
- **Implemented OOP principles with inheritance and abstraction**, utilizing explicit waits for dynamic content handling and anti-detection measures for robust data extraction
- Technologies: Java, Selenium WebDriver 4.15, Maven, Apache POI, Gson, Microsoft Edge Driver

Audio Sentiment Analysis of Incoming calls

- **Built a speech-to-text and sentiment analysis web application** that processes audio input, transcribes it using speech recognition, and applies NLP techniques to determine sentiment polarity (positive, negative, or neutral).

My Portfolio [\[Link\]](#)

- My portfolio, built with HTML, CSS, and JavaScript, showcases my skills, services, and projects in a clear, user-friendly layout. It also features a dedicated contact section to facilitate inquiries, reflecting my commitment to accessibility and open communication.

SKILLS

- C | C++ | Python | Java | SQL HTML | CSS | JavaScript | Playwright (basics)
- Knowledge of collating, cleansing, analyzing, interpreting, and visualizing large volumes of data
- Data Structures and Algorithms | OOP | Operating Systems | RDBMS | SDLC
- Basic Understanding of AIML Concepts

EDUCATION

Jawaharlal Nehru Technological University (JNTU), Hyderabad

Bachelor of Technology – Computer Science and Engineering

CGPA: 9.13/10

Hyderabad, India

Sept 2022 – June 2025

Government Institute of Electronics

Diploma – Computer Science and Engineering

CGPA: 9.73/10

Secunderabad, India

June 2019 – Aug 2022

Siddhartha High School

Telangana Board of Secondary Education; Class 10th

CGPA: 9.8/10

Karimnagar, India

May 2019

ACHIEVEMENTS

- Achieved State Rank **13** in *Engineering Common Entrance Test 2022* out of 24,000 candidates.
- Awarded “**Best Technical Event**” for successfully organizing and coordinating *Troubleshoot* as part of Quest 2024.