

VENKATA SAI VIKRAM KARTHIK KROVI

Email: vkarthik560@gmail.com | Phone: +91 7287982697

LinkedIn: linkedin.com/in/vikram-karthik-04a9212a9

GitHub: github.com/vickykarthik17 | Portfolio: portfolio-dun-five-23.vercel.app

PROFESSIONAL SUMMARY

Final-year **B.Tech Computer Science (Data Science)** student with hands-on experience in **Python, Java, SQL, React.js, and Spring Boot** through **internships** and **academic projects**. Familiar with **data analysis, REST APIs, and AWS-based workflows**, with a strong foundation in **debugging, problem-solving, and collaborative development** in real-world software environments.

EDUCATION

Malla Reddy University, Hyderabad, Telangana

Bachelor of Technology in Computer Science (Data Science) | GPA: 8.42 | Sep 2022 – Apr 2026 (Expected)

Narayana Junior College, Vijayawada, Andhra Pradesh

Intermediate (MPC) | Percentage: 78.6% | Jun 2020 - May 2022

SKILLS SUMMARY

- Programming:** Python, Java, SQL, JavaScript
- Web & Backend:** HTML, CSS, React.js, Spring Boot, REST APIs
- Data & Cloud:** Pandas, NumPy, scikit-learn, AWS, Power BI
- Databases & Tools:** MySQL, MongoDB, Git, GitHub, Excel
- Core & Soft Skills:** Debugging, Troubleshooting, Problem Solving, Rapport Building, Communication, Adaptability

INTERNSHIP EXPERIENCE

DATA SCIENCE INTERN | PRODIGY INFOTECH | [Link](#)

June 2024 - July 2024

- Cleaned, preprocessed, and analyzed **50K+ records** using **Python, Pandas, and NumPy**, improving data consistency and model readiness.
- Built and validated **ML models** (scikit-learn), achieving **10–15% improvement** in prediction accuracy through **feature engineering**.

AWS DATA ENGINEERING INTERN | AICTE | [Link](#)

Sep 2023 - Nov 2023

- Designed and managed **AWS-based data pipelines** processing **10K+ structured records**, improving **ingestion efficiency**.
- Implemented **ETL workflows** and **cloud storage**, improving **data reliability** and reducing **retrieval latency by ~20%**.

PROJECTS

PetConnect – Full-Stack Web Application | React.js, Spring Boot, MongoDB | [Link](#)

- Developed a **scalable full-stack platform** with **role-based access**, reducing **manual service coordination by ~40%**.
- Designed **RESTful APIs** and integrated **MongoDB** to manage **100+ records** with **secure and efficient data operations**.

Diwali Sales Analysis - Data Analytics Project | Python, Pandas, Power BI | [Link](#)

- Analyzed 1,000+ Diwali sales transactions by customer segment to identify buying patterns and preferences, enabling data-driven marketing insights.

Commonwealth Games Analysis - R Programming Project | R, Data Visualization | [Link](#)

- Processed and visualized **multi-country sports datasets**, enabling **performance comparison** across events and nations.
- Created **comparative visualizations for 20+ events**, highlighting **country-wise performance and medal distribution**.

CERTIFICATIONS

- Python Programming - HackerRank
- Data Analyst - Microsoft
- Microsoft Excel Fundamentals - Microsoft Learn
- Data Analytics with Python - NPTEL
- AWS Solutions Architecture Job Simulation - Forage
- Git and GitHub - Google
- Accenture Data Analytics and Visualization Job Simulation - Forage