

VENKATA SAI VIKRAM KARTHIK KROVI

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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
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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%**.
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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**.
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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