

PRAMATH PARASHAR

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EDUCATION

Kent State University, OHIO, USA

Master of Science — Data Science. **GPA:** 3.74 / 4.0 Graduating on May 09 2024

May 2024

Malla Reddy Engineering College, TELANGANA, INDIA

Bachelor of Technology — Computer Science and Engineering. **GPA:** 8.34 / 10.0

Jun 2022

TECHNICAL SKILLS

Programming Languages: Python, C Programming, C++, Java, JavaScript, R Programming, MATLAB and Simulink.

Database Management: MySQL, Oracle SQL, PostgreSQL, SQL Server, NoSQL, Data Warehousing.

Data Analysis and Visualization Tools: Excel dashboard, Alteryx, QlikView, Tableau, Power BI.

Big Data Technologies: MapReduce, Hadoop, PySpark.

Cloud Technologies: Google Cloud Platform (GCP), Amazon Web Services (AWS), Microsoft Azure, IBM Watson.

Internet of Things: Raspberry Pi, Arduino Programming.

Software Development: Spring framework, JDBC, Test-first/Test Driven Development, Familiarize with Software development methodologies like Agile, CI/CD.

Data Governance: UI/UX, Data Quality, Data Processing, Security Controls, Root Cause Analysis, Data Modeling, Data Transformation, Data Mapping, Data Collection, Data Architecture.

Other Skills: TCP/IP, Jenkins, SAP, ADAS, Microsoft Excel, Power Apps, Canvas Apps, BDD

WORK EXPERIENCE

University Student Web Developer Part time

Feb 2024 - May 2024

Kent State University, Kent, OH, USA

- Orchestrated a strategic website enhancement plan for the Africana Studies department, which enhanced user retention by 30% and led to a 15% increase in student inquiries, driven by the implementation of SMS alerts.
- Implemented targeted social media ad campaigns that yielded a 50% increase in event attendance; collaborated with design team to create compelling visual content that engaged 10,000+ online followers.

Data Analyst Internship

Feb 2024 - May 2024

Datics INC, Charlotte, NC, USA

- Conducted in-depth data analysis to uncover patterns and trends, resulting in a data-driven decision-making approach that boosted sales by 22% and optimized marketing strategies.
- Developed SQL procedures and customized queries to import data from SQL Server into visualization tools, resulting in a 5% increase in data-driven insights for decision-making purposes.
- Engineered a data pipeline using SQL, NumPy, and Pandas, improving data quality and speeding up Tableau reporting by 10%. Worked with analysts to boost forecasting and operational efficiency.

Technical Support Associate

Nov 2021 - Apr 2022

Pioneer Instruments, Hyderabad, Telangana, INDIA [Verify](#)

- Orchestrated project planning and execution for 10+ initiatives, ensuring strict adherence to timelines and deliverables, resulting increase in on-time project completion rates across the portfolio by a 16%.
- Monitored project budgets, tracked expenses, and prepared financial reports to ensure cost-effectiveness and compliance with financial guidelines.
- Administered project schedules and milestones to streamline project execution, leading to a 25% decrease in project timeline overruns and enhancing project delivery efficiency.
- Collaborated with cross-functional teams to address project-related issues and ensure project success.

Machine Learning with python Student Intern

Mar 2021 - Apr 2021

Verzeo, Bengaluru, Karnataka, INDIA [Verify](#)

- Revamped project management processes by implementing Agile methodologies, resulting in a 40% increase in project efficiency and on-time delivery; elevated programming skills through hands-on experience in Python machine learning techniques.
- Drafted project implementation strategies and testing plans to ensure superior functionality and reliability; conducted in-depth user acceptance testing resulting in a 30% reduction in post-launch defects and a 20% increase in overall system performance.
- Prepared and presented a comprehensive report showcasing project achievements, while tracking weekly progress to ensure timely milestone delivery.

Web Application Development Student Intern

May 2019 - Jun 2019

VVV Infotech, Hyderabad, Telangana, INDIA [Verify](#)

- Developed a web application for a student dashboard at Malla Reddy Engineering College with visualizations to provide faculty members with insights into students' test performances.
- Led the implementation of a roll number registration feature enabling students to monitor attendance and academic performance; increased student involvement by 35% and academic success rates by 20%.
- Collaborated with a team to ensure successful implementation and functionality of the web application.

LICENSES AND CERTIFICATIONS

PL-300: Microsoft Power BI Data Analyst [Verify](#)

PL-900: Microsoft Power Platform Fundamentals [Verify](#)

DP-900: Microsoft Azure Data Fundamentals [Verify](#)

AZ-900: Microsoft Azure Fundamentals [Verify](#)

MTA: Introduction to Python Programming [Verify](#)

Google Data Analytics Professional Certificate [Verify](#)

Cisco: Introduction to Packet Tracer [Verify](#)

Cisco: Introduction to Cybersecurity [Verify](#)

PROJECTS

Analysis of Car Sales Data in Tableau [GitHub](#)

Jan 2024

Incorporated Tableau to analyze car sales data, identify key trends and popular models, resulting in strategic decisions that increased revenue by 12% and improved competitiveness through optimized sales strategies.

Analysis of Netflix Dataset [GitHub](#)

Oct 2023

Analyzed of Netflix content, revealing trends that boosted user engagement. This, coupled with leading a team to improve user experience, resulted in a 30% decrease in customer churn and a 40% increase in satisfaction.

Data Analysis of Walmart Sales [GitHub](#)

Aug 2023

Leveraged data techniques on Kaggle's Walmart dataset, pinpointed top branches and products, handled NULL values, and introduced new features, resulting in a 15% sales boost and project success.

PUBLICATIONS

VALUE-BASED RESOURCE ALLOCATION FOR EDGE COMPUTING:

A MARKET BALANCING APPROACH [Verify](#)

Mar 2021 - Apr 2021