Rakshith Vijayakumar Patil

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EDUCATION EXPERIENCE

The University of Texas at Dallas, USA　　　　　　　　　　　　　　　　　　May 2025
Master of Science, Information Technology and Management　　　　　　　　　　**3.9 GPA**
Courses: Predictive Analytics, Advanced Statistics, Data Visualization, Big Data, System Analysis and Project Management

People's Education Society (PES) University, Bangalore　　　　　　　　　　May 2020
Bachelor of Technology in Electronics and Communication Engineering with minor in Management　　**3.6 GPA**

TECHNICAL SKILLS AND CERTIFICATIONS

Programming Languages: Python, SQL, HTML, CSS, Linux commands, JavaScript
Tools/Software: JIRA, PowerPoint, Tableau, Excel, Power BI, MySQL, PostgreSQL, AWS S3, Azure
Libraries/Version Control: Git, GitHub, Pandas
Certifications: Tableau, PL-900 (Microsoft Power Platform Fundamentals), Full Stack Software Engineering program by NIIT

LEADERSHIP EXPERIENCE

INFORMS at University of Texas at Dallas, *Vice President*　　　　　　　　January 2024 – Present
- Led and managed a team of 30 executive officers in planning and executing 8 events to enhance student academic success.
- Maintained accurate records of 100% of the club activities, budgets and communications.

PROFESSIONAL EXPERIENCE

Toyota, Dallas, USA　　　　　　　　　　　　　　　　　　　　May 2024 – August 2024
Data Analyst Intern
- Automated sales forecast dealer proforma report in Power BI, improving financial planning and budgeting accuracy by 30%.
- Developed visualization of policy metrics, enhancing a sales/profit planner to boost dealer engagement and performance.
- Led a Power BI session for 25 employees, enhancing delivery readiness through hands-on training.

Accenture India Pvt Ltd, Bangalore, India
Business Analyst　　　　　　　　　　　　　　　　　　　　　January 2021 – July 2023
- Integrated python in automating app usage report generation, increasing app engagement by 2x, reducing drop-off by 60%
- Automated AI bot response validation using Selenium, resulted in saving 80% of regression testing time.
- Spearheaded UAT & client calls, led a team of 3 for documenting user stories, FDD, to enhance security standards.
- Crafted SQL Queries to manipulate, filter, and extract desired data and calculations in Grafana dashboard visualizations with statistical methods, increasing data accuracy standards by 30%.
- Created and maintained Product Backlog in JIRA for existing and new projects to ensure readiness of user stories, defects tracking for the sprint and create a clear, concise, and actionable acceptance criterion.

Light Metrics, Bangalore, India
Data Engineer Intern　　　　　　　　　　　　　　　　　　　January 2020 – June 2020
- Built Flask dashboard for tracking incident trends and violations by fleet drivers, boosting data visualization and enabling 70% increase in awareness of accident rates among fleet owners.
- Implemented Spark-based ETL pipeline to transfer 100 daily files to S3 buckets, cutting processing time by 70% through autoscaling, ensuring efficient data processing and storage.

ACADEMIC PROJECTS

Unlocking Growth Potential in Conagra's Meat Substitute Category Hackathon, Finalist　　September 2024 – December 2024
- Analyzed FMCG market trends, identifying a $67 million untapped opportunity and optimizing product portfolio.
- Developed data driven merchandizing strategies to optimize product pricing, distribution, and product offerings, driving growth and positioning it as a market leader.

Data Driven Decision Making for the Fleet Operators　　　　　　　　　　February 2024 – April 2024
- Conducted comprehensive data analysis using HDFS, Impala and Pig to identify high risk drivers and key factors contributing to traffic incidents, enabling the creation of risk factor scoring metrics to improve fleet safety and reduce insurance costs.
- Designed interactive Tableau dashboards to visualize driver behavior patterns and incident trends, integrating data via ODBC drivers, and delivering actionable insights, mitigated safety risks, and supported operational goals.