

ALEKYA RAMA

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PROFILE

Results-oriented Business Analyst with 2 years of experience in digital technology consulting across retail, IT, and healthcare industries. Adept at transforming data into strategic insights through modeling, optimization, and reporting.

SKILLS

Analytical: Data Modelling, Data Analytics, Data Visualization, Statistical Analysis, Predictive Modeling, RCA

Technical: MySQL, BigQuery, Alteryx, R, Python, Power BI, Tableau, SAS EM, Advanced Microsoft Excel, Powerpoint

Business: Stakeholder Alignment, Requirements Gathering, Cross Functional Collaboration, Problem Solving, Agile, Jira

EDUCATION

Purdue University, Daniels School of Business - Awarded Merit Scholarship
Master of Science in Business Analytics & Information Management

West Lafayette, IN
August 2025

Indian Institute of Technology, Madras (IITM)
Bachelors of Engineering in Mechanical Engineering

Chennai, India
May 2022

PROFESSIONAL EXPERIENCE

Kearney

West Lafayette, IN

Data Analyst

January 2025- April 2025

- Improved procurement visibility for a Fortune 100 beverage company by analyzing \$811M in indirect spend, identifying \$6.48M+ in savings through supplier consolidation, compliance analysis, and \$34M+ in split orders
- Delivered four tableau dashboards to monitor supplier costs, spend trends, and policy adherence, enabling data-driven sourcing decisions and enhancing long-term procurement performance

Accenture Strategy

Bangalore, India

Management Consultant

September 2022 - March 2024

- Optimized demand planning for a \$1.5B healthcare client using o9 Solutions' AI-powered cloud platform, integrating siloed data, improving cross-functional collaboration and enabling real time decision making across the supply chain
- Analyzed historical sales data to identify trends in forecast errors, applying statistical models to recommend a predictive solution that improved time series forecasting accuracy by 4%
- Automated business review processes by developing standardized reports and real-time dashboards improving strategic outcomes in consensus planning meetings and cutting decision-making time by 60%
- Captured business requirements and translated them into user stories with defined acceptance criteria, guiding end-to-end reporting solution delivery, from scalable data model design to successful UAT and SIT execution
- Led stakeholder engagement and change management initiatives ensuring seamless adoption of o9 solutions by aligning stakeholders across departments, driving a 10% increase in client engagement
- Designed AWS Quick Sight based dashboards and KPI Metrics to monitor workforce performance of a public sector mining client resulting in a 20% increase in contractor productivity

Defense Research and Development Organization (DRDO)

Hyderabad, India

Research Analyst Intern

June 2020 - August 2020

- Enhanced product quality of high-performance missile composites by 12% by optimizing key machining parameters, reducing defects and improving reliability for critical applications
- Reduced process time by 15% in a specialized manufacturing workflow through statistical analysis of input criteria using ANOVA and Taguchi techniques

PROJECTS

- Bankruptcy Prediction Model: Designed a machine learning model on SAS EM by combining Gradient Boosting, Polynomial Regression & Neural Networks, achieving 95% accuracy using 64 economic indicators
- Airbnb Super host Prediction Model: Analysed 10K+ listings to predict Super host retention & loss status, using an LLM powered XGBoost model with 96% accuracy to enhance host performance and optimize guest satisfaction
- NLP powered Disaster Tweet Classification: Engineered deep learning and machine learning pipelines to develop a disaster tweet classification system with 90% accuracy, enabling faster and more accurate crisis identification

LEADERSHIP ACTIVITIES

- Head of Internship Cell, IITM: Spearheaded a team of 23, providing internship opportunities to 1500+ students by liaising with 200+ recruiting companies, achieving a 50% increase in offers and a 40% growth in visiting MNCs YoY