

Aparajitha Lalasa Molugu

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SUMMARY

Applied Data Science and Competitive Intelligence Professional with 4+ years of experience at Amazon, specializing in data-driven innovation, competitor monitoring, pricing optimization, and system automation. Proven ability to design and implement scalable solutions using Python, SQL, C++, and cloud technologies. Strong analytical mindset with a passion for solving complex business problems using modern algorithms and real-time data processing.

SKILLS

- Programming & Tools: Python, SQL, C++, C#, HTML, ReactJS
- Data & Cloud: RDBMS (Oracle), cloud-based data management, data recovery
- Competitor Monitoring: Price benchmarking, competitor layout configuration, sales analysis
- Machine Learning & Analytics: Applied algorithms, data mining, statistical modeling
- Soft Skills: Strong communication, stakeholder management, agile project leadership

EXPERIENCE

Catalog Automation Lead - Amazon, Hyderabad (Mar 2024 - Present)

- Led automation initiatives to optimize catalog workflows and minimize manual overhead.
- Collaborated with cross-functional teams to onboard competitors, impacting global pricing strategy.
- Conducted in-depth competitive market analysis using advanced data models.
- Engineered scalable logic for dynamic shipping rate calculation.

Data Specialist I - Amazon, Hyderabad (Apr 2022 - Mar 2024)

- Designed internal systems for automated competitor price and rebate analysis.
- Integrated data-driven insights to improve marketplace pricing configurations.
- Partnered with engineers and scientists to deploy efficient solutions for sales data ingestion.

Data Analyst - Amazon, Bangalore (Dec 2019 - Mar 2022)

- Developed analytical tools for monitoring price fluctuations and optimizing decision-making.
- Cleared error queues in automated monitoring systems, ensuring system robustness.
- Collaborated on pricing intelligence models and enhancements for CMT operations.

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Software Engineering Intern - Calsoft Pvt. Ltd., Pune (Oct 2018 - Jun 2019)

- Contributed to VRanger backup and recovery platform; enhanced backend data storage systems.

EDUCATION

Post Graduate Diploma in Business Administration (Finance & Operations)

Symbiosis Centre for Distance Learning, Pune - 2021

Master of Science in Computer Applications

Symbiosis International University, Pune - 2019

- Dissertation: Meta Analysis of Education System Using Bayesian Approach

- GPA: 7.02

PROJECTS & RESEARCH

Student Growth Prediction using Bayesian Models

- Built predictive models using conditional probability to analyze academic performance trends.
- Applied Bayesian inference to educational data for insight generation.

Competitive Pricing & Market Simulation (Internal Amazon Projects)

- Developed scalable frameworks for monitoring competitor pricing across global marketplaces.
- Integrated automation in internal pricing decision systems using Python and SQL.

CERTIFICATIONS

- Programming in Python - Internshala
- Introduction to Data Science - Internshala
- Scalable Data Science - NPTEL (IIT Madras)
- Business Analytics in Excel & R - LinkedIn Learning
- Data Science & Analytics Career Paths - LinkedIn Learning