

# SHUSRUTHA REDDY BORRA

## Data Analyst

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### Professional Summary

Data Analyst (MSc in Data Analytics, Berlin) with 3.5 years of professional experience at Cognizant. Proficient in SQL, Python, Power BI, and Excel for data cleaning, analysis, visualization, and reporting. Experienced in quality assurance, automation testing, and Agile methodologies, with a strong ability to derive actionable insights from complex datasets. Possess excellent analytical and problem-solving skills with German language proficiency at B1 level.

### Education

<b>University of Creative Arts</b> <i>MSc in Data Analytics</i>	02/2025 – Present
<b>Osmaina University</b> <i>Masters in Computer Science, Irregular Master's Program</i>	Berlin, Germany 2021 – 2023
<b>Aurora's Degree and PG College</b> <i>Bachelor's in Mathematics, Statistics &amp; Computer Science</i>	Hyderabad, India 08/2021
	India

### Professional Experience

<b>Teaching Experience</b>	2020 – Present
<ul style="list-style-type: none"><li>Taught Mathematics to school students, focusing on building strong conceptual understanding and problem-solving skills.</li><li>Designed and delivered lessons suited to different learning levels and tracked student progress through regular assessments.</li><li>Encouraged active participation and improved student performance through interactive and engaging teaching methods.</li></ul>	Hyderabad, India
<b>Cognizant</b> <i>Quality Analyst</i>	10/2021 – 04/2025
<ul style="list-style-type: none"><li>Conducted manual and automated testing for web and mobile applications to ensure functionality, performance, and user experience.</li><li>Designed, developed, and executed detailed test cases, test plans, and test scripts aligned with business and technical requirements.</li><li>Utilized SQL for backend data validation, data integrity checks, and issue root cause analysis.</li><li>Collaborated with developers, product owners, and QA teams in Agile/Scrum sprints to identify, prioritize, and resolve defects efficiently.</li><li>Automated regression and functional testing using Selenium WebDriver, Cypress, and Postman for API validation.</li><li>Reported, tracked, and managed defects using Jira, Bugzilla, and TestRail, ensuring complete test coverage and traceability.</li><li>Created detailed test summary reports and quality dashboards to communicate progress and release readiness to stakeholders.</li><li>Contributed to a 20% reduction in critical bugs across two release cycles through proactive testing and continuous improvement.</li><li>Performed web data scraping using Python (BeautifulSoup, Scrapy) to extract and validate test data for analysis and automation.</li></ul>	Hyderabad, India

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## Core Skills

**Programming & Data** Proficient in Python (NumPy, Pandas, Matplotlib) for data manipulation and visualization, SQL/MySQL for data querying and management, and Excel (Pivot Tables, VLOOKUP) for advanced data analysis. Experienced with Power BI for interactive reporting and dashboards, with foundational knowledge of Java and C++ for scripting and automation.

### Data Analysis

Skilled in data cleaning, transformation, and exploratory data analysis (EDA). Experienced in creating visualizations, dashboards, and statistical models to derive actionable insights. Familiar with ETL processes and data validation techniques.

### Web Scrapping

Proficient in data extraction and automation using BeautifulSoup and Scrapy, including handling dynamic content, pagination, and structured data export for analysis. **Testing & QA Tools**

Hands-on experience with Selenium WebDriver and Cypress for automation, Postman and SoapUI for API testing, and Jira/TestRail for test management and defect tracking. Adept at designing and executing end-to-end test cases to ensure software quality and reliability.

### Methodologies

Strong understanding of Agile/Scrum practices, Regression Testing, Functional Testing, and User Acceptance Testing (UAT). Collaborated effectively in cross-functional Agile teams to ensure timely and high-quality releases. **Tools & Platforms**

### Platforms

Experienced with Docker for containerized environments, Cloudera for data processing, Git for version control, BrowserStack for cross-browser testing, and Katalon Studio for automation scripting. Basic familiarity with CI/CD pipelines and Jenkins.

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## Projects (Academic/Personal)

### Sales Dashboard with Power BI

Developed an interactive Power BI dashboard to analyze sales trends, customer segments, and revenue performance, enabling data-driven decision-making.

### Data Analysis with Python (Pandas/Matplotlib)

Cleaned, processed, and analyzed a large transportation dataset, identifying key patterns and visualizing insights through statistical charts and graphs.

### SQL Reporting

Designed and optimized SQL queries to extract, aggregate, and report key performance indicators (KPIs) from relational databases for business insights.

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## Languages

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- English (C2)
  - German (B1)
  - Telugu (Native)
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## Interests

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- Cycling
  - Painting
  - Dancing
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