HARSHITHA MADIHALLI

LinkedIn | Harshitham195@gmail.com | Bay Area, CA | +1 (510) 605-2022 | Portfolio

SUMMARY

Skilled automation professional with five years of experience, currently pursuing Master's in Business Analytics. I bring a unique blend of technical acumen and collaborative leadership for effective contributions in data-driven decision-making environments.

EDUCATION

MS, Business Analytics, CSU, East Bay, Hayward, CA | 3.6 /4 GPA *Aug 2023 – Expected: May 2025*
BE, Instrumentation Technology, JSSATE, Bangalore, India | *Aug 2013 – May 2017*

PROJECTS - **GitHub**

Average Salary Trends by Gender – Personal Project | Nov 2023
- Utilized Tableau to understand gender-based salary trends over time, providing a clear and interactive representation of average salaries of different genders.
- The visualizations enhance data understanding, allowing viewers to explore patterns and potential disparities in real-time.

Exploratory Study On Nasa Astronauts – Personal Project | Oct 2023
- Performed comprehensive data analysis on NASA astronauts using Python and MySQL. This task involves data cleaning, exploration, and information extraction from a dataset.
- By leveraging descriptive statistics and data visualization techniques, I uncovered valuable insights into astronauts' demographics, careers, and achievements.

EXPERIENCE

CGI | *Nov 2021 - Aug 2023*
Senior Software Engineer | *Bangalore, India*
- **Strategic Integration:** Integrated the Selenium framework with the Jenkins Pipeline, propelling a 20% surge in operational continuity, amplifying profitability by 15%, and enhancing innovation for an Raindance Project (SAP systems).
- **Risk Mitigation:** Orchestrated a 25% reduction in project delays by streamlining collaboration between stakeholders and the development team, in line with advanced enterprise-wide risk management strategies.
- **Optimizing Operations:** Executed precise data analysis and testing using SQL, stored procedures, and data-driven methods, aligning actions with risk management strategies and process efficiency in diverse industries.

JUNIPER NETWORKS | *Mar 2021 - Nov 2021*
Regression Engineer | *Bangalore, India*
- **Cloud Management:** Streamlined the management of a cloud environment (GCP & AWS), ensuring feature delivery and contributing to cost-effectiveness.
- **Revitalized UI and API:** Revamped Mist UI and API architecture, enhancing user experiences and reinforcing system robustness, resulting in a notable increase in user satisfaction.
- **Automated Efficiency:** Implemented automated scripts, resulting in a powerful 40% reduction in time and a robust 15% overall productivity increase, leading to substantial financial savings and operational efficiency.

SYNECHRON (ATTRA) | *Jan 2018 - Mar 2021*
Software Engineer | *Bangalore, India*
- **API & Sales Growth:** Led a collaborative $2M API project and executed strategic initiatives that resulted in a remarkable 20% increase in sales within a single quarter.
- **Accurate Cases:** Crafted precise test cases, achieving an outstanding 95% accuracy, guaranteeing flawless database functionality across diverse scenarios.
- **Data Accuracy:** Verified data validity and optimized stored procedures, resulting in an exceptional 95% data accuracy rate, contributing to data reliability.

AWARDS AND HONORS

- Achieved CGI's "Bronze" award, granted to the top 30% performers for outstandingly managing complex modules.
- Received the "On Spot" award at Attra, showcasing a commitment to exceptional performance and high-quality work.

SKILLS

Languages: Java, SQL, Python (NumPy, Pandas),R. **Databases:** MySQL, Oracle.
Business Intelligence Tools: Tableau, Power BI.
Others: Excel (Pivot Table, Charts, V-LOOKUPs), RStudio**,** Jira, Agile, Git, Jenkins, Rest Api's, Jupyter   Notebook, Swagger, Postman, Analytical skills.
Domain Expertise: ERP Systems, Finance (Banking - Credit Cards & Payments) and Networking.
Certifications: Jira Fundamentals.