Harika Aakula

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SUMMARY

Solution-driven graduate pursuing Information Systems with over two years of professional experience at Accenture as a quality engineering associate and an experienced Data analyst intern. Skilled in Java**, SQL, Python, HTML, CSS, Exploratory Data Analysis, ETL workflow, and cloud technologies.** Strong foundation in Agile, Scrum and process improvement methodologies with proven ability to deliver scalable digital solutions, gather stakeholder requirements and collaborate with cross-functional teams.

EDUCATION

Saint Louis University   **St. Louis, Missouri**
Master of Science | Information Systems | GPA: 4.0   January 2024-December 2025

Sreenidhi Institute of Science and Technology   **Hyderabad, India**
Bachelor of Technology | Electrical and Electronic Engineering | GPA: 3.76   August 2017-July 2021

WORK EXPERIENCE

Excelerate   **Remote**
Data Analyst Associate Intern   June 2024-July 2024

- Cleaned, transformed and ensured data quality of **25k+** records through an effective **ETL workflow** using Python and loaded data into Google Looker Studio for visualisation.
- Created an EDA report highlighting **5+ key metrics**, highlighting user and opportunity engagement of the Excelerate platform.
- Designed a **KPI-driven dashboard** with filters to help stakeholders with future decision-making.
- Acted as team lead, arranged daily standups, and documented MoMs for a remote cross-functional team of 5+ members.

Accenture Solutions Private Limited   **Hyderabad, India**
Quality Engineering Associate   December 2021-December 2023

- Developed and executed **400+ test cases** and improved defect detection while reducing the production issues by **30%.**
- Automated test scenarios through **Selenium (Java) and Postman for API testing**, reduced manual efforts by **40%**.
- Ensured data accuracy and consistency in the back and frontend by performing database validations with **SQL queries**.
- Collaborated with developers, business analysts and internal stakeholders in Scrum sprints to discuss and resolve defects.
- Conducted Knowledge transfer sessions and acted as a trainer for **20+ new employees**.
- Monitored compliance and quality dashboards and reported priority issues to higher officials.

ACTIVITY & LEADERSHIP

Accenture Solutions Private Limited   **Hyderabad, India**
Employee Engagement Coordinator   April 2022-December 2023

- Organised team building, fun activities and workshops to improve collaboration and morale among 80+ team members.

Electrical and Electronic Department   **Hyderabad, India**
Class Representative   September 2017-July 2021

- Acted as a bridge between the professor and 50+ students while ensuring timely communication and resolution of the conflicts.

PROJECTS

Information Security Program-CROWDSTRIKE (Academic Project)
Developed an end-to-end security program strategy based on NIST frameworks, including risk assessment, cyber defence matrix, and incident response plan.

Statistical Analysis of Electric Vehicles- Washington State (Link)
Performed data analysis and cleaning on the Electric Vehicles dataset of Washington state with over 232k records. Conducted statistical tests using IBM SPSS to analyse electric vehicle trends, focusing on CAFV eligibility and top-performing brands.

Excelerate Insider Insights Dashboard (Link to the dashboard)
Built an end-to-end pipeline to feed into Looker Studio for visualisation and delivered marketing and engagement insights.
Enabled data quality monitoring and insights on user signups and opportunity engagement.

SKILLS

Programming & Development: Python, Java, C, C++, HTML, CSS, JavaScript.
Data & Cloud: SQL Server, MS Office (Excel, PowerPoint, Word), Google Looker Studio, IBM SPSS, Data Cleaning, EDA, Data analysis, Data Preprocessing, ETL, Azure, GCP, AWS.
Testing & Automation: Selenium, Postman, Automation Anywhere, JMeter, Test Design, Test Plan, REST API testing, Database Validation, Compliance Monitoring, Risk Assessment.
Tools & Platforms: SDLC, CI/CD concepts, Jenkins, Jira, Trello, Figma, GitHub, Visual Studio, Agile (Scrum, Kanban).
Soft Skills: Communication, Critical Thinking, Leadership, Documentation, and Team Collaboration.
Frameworks: NIST cybersecurity, TOGAF
Other tools: Archimate, Lucid charts, Miro