

Himanil Arora

Data Analyst

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Focused and outcome-driven professional around 4 years of experience in SAS automation, visualizations, generating reports, observability, and data analytics. Experience in identifying efficiencies and problem areas within my scope of work while communicating needs for projects. Able to self-manage as well as collaborate on projects as part of a team. I intend to be a part of an organization where I can constantly learn and develop my technical and management skills and make best use of it. Utilize my knowledge, skill & given opportunity effectively for professional growth and to contribute for effective growth of the organization and myself.

SKILLS & OTHER

Programming and Scripting Language: Python, SAS, Kusto Query Language (KQL), Bash Scripting

Data Management: Data Quality Assessment, Data Analysis, Pattern & Trend Identification, Data Mining, Visualization of Data Insights, Database Design and Management, Business Intelligence, Designing and Developing KPI, Excel.

Techniques: Hypothesis Testing, Descriptive Analytics, Recommendation System, A/B Testing and Experimentation

Tools and Frameworks: SAS Studio, Power BI, Python (Pandas, NumPy, Matplotlib, OpenCV, Tensorflow, SciPy, Seaborn), Databases (MySQL, PostgreSQL), Quality Center, Tidal Automation

Observability: Dynatrace, MuleSoft, Azure Application Insights

Soft Skills: Project Management, Problem Solving, Software Logic, Troubleshooting, Adaptability, Resourcefulness

Other: Azure DevOps, TortoiseSVN, Git, Jira, Confluence, Trello

WORK EXPERIENCE

System Engineer

April 2021 – March 2023

TIETOEVRV INDIA PVT LTD, Mohali, India

- Collaborated with clients to understand their business context and translate complex business problems into analytical structures.
- Demonstrated multitasking skills by managing multiple projects across different technology stack.
- Responsible for analyzing SAS code and logs to resolve failures, designing better code structures for existing jobs, and developing automation for SAS programs.
- Ability to visualize and communicate complex data insights through charts, graphs, and presentations.
- Developed and maintained SQL scripts and queries to extract and analyze data from relational databases.
- Conducted exploratory data analysis to identify trends, patterns, and anomalies in datasets.
- Developed dashboards and reports to monitor key performance indicators and provide actionable insights to stakeholders.
- Conducted data cleansing and preprocessing to ensure data accuracy and consistency.
- Familiarity with machine learning algorithms such as decision trees, random forests, etc.
- Participated in production support on-call rotation, investigated technical issues, and performed the root cause analysis.
- Prepared technical documentation and playbooks on operational activities.
- Automated a task of validating availability of files and their paths which helped reduce the time to 85%.
- Developed an end-to-end XML-CSV Converter tool in python for an American tire distributor client which helped reduce the time by 84% with 99.99% accuracy of data.
- Responsible for managing multiple projects by working as an escalation engineer for SAS production environment.

- Identified gaps in the team's existing reporting and tools suite and managing portfolio monitoring, dashboards, and reporting.
- Demonstrated analytical and troubleshooting skills for quick resolution of SAS failures.
- Created and executed manual test plans.
- Provided L3 support to teams with troubleshooting job resolutions, etc.
- Worked on Tidal Automate for creating, scheduling, automating, and managing the complex workloads.
- Guided a team of engineers on multiple tasks like Azure DevOps Deployment, supporting the daily and monthly activity for SAS and application deployment for IFS and Omnibyte.
- Responsible for managing multiple projects by leading a team of engineers on Azure DevOps; CI/CD for release deployment and using Azure DevOps Boards for tracking the tasks.
- Contributing to the ecosystem by conducting workshops, training new team members and providing technical assistance to other teams.

Associate System Engineer

July 2019 – April 2021

TIETOEVRV INDIA PVT LTD, Mohali, India

- Responsible for monitoring and resolution of SSIS jobs failure.
- Responsible for resolving stuck orders by working on logs from MuleSoft, searching data on Azure Application Insights, and checking services on AWS.
- Working alongside the team to perform analysis, generate insights and create presentations with a story.
- Worked as part of the team on Epicor prophet 21 for ERP.
- Worked on Power BI for ETL monitoring & reporting.
- Participated in on-call rotation shift to provide 24*7 support to international clients.
- Worked on resolution of L1 and L2 tickets.

EDUCATION

University School of Open Learning, Panjab University, Chandigarh, India
Post Graduate Diploma in Statistics

2020 – 2021

Chandigarh University, Mohali, India
Bachelor of Engineering — Computer Science

2015 – 2019

CERTIFICATIONS

- FreeCodeCamp Data Analysis with Python
- Completed 5 challenges offered by Kusto Detective agency.
- Data Science Foundations - Level 1 by IBM
- Python for Data Science by IBM

ACHIEVEMENTS

- **Organization Event** (Symposium on Augmented Reality)
- **Hackathon Winner**- Extracting data out of the emails attachment and generating the support ticket.
- **Individual Kudos Award**- For XML Converter reducing the team effort for a specific task by 84%.