VAISHNAV KANEKAR

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PROFESSIONAL EXPERIENCE

Excellus BCBS, Rochester, USA | *Cloud Storage and Data Automation Engineer Co-op*   **September 2023 – May 2024**
- Implemented end-to-end Event Driven Automation (EDA) solutions using **Terraform** to remediate system or service failures on Dynatrace agents reducing incident resolution time by **70%**
- Integrated **Dynatrace** workflows and **Ansible** playbooks with **Azure DevOps** pipelines, and automated ticket closure on **ServiceNow**, resulting in a **99%** reduction in human intervention
- Facilitated SAN (Storage Area Network) management by tracking virtual connect hosts and ports, projecting retirement dates, generating forecasts for connected items, and aiding in budgeting efforts with a **95%** improvement

International Rescue Committee, New York, USA | *Data Architecture Intern*   **June 2023 – August 2023**
- Engineered a binary-class boosted decision tree algorithm in **Microsoft ML Studios**, enhancing search engine optimization by **50%** and seamlessly integrating with **Power Apps** to drive a **30%** increase in business efficiency
- Spearheaded the creation of a **Power Virtual Agent** chatbot, expediting client access to relevant grants, slashing processing duration, ensuring precision, and elevating client contentment and efficiency by **80%**
- Leveraged Python scripts to enhance data accuracy by adeptly cleansing and converting heterogeneous datasets, resolving discrepancies, and extracting actionable insights, resulting in a substantial **70%** increase in data precision

Litmusblox, Pune, India | *Business Development Executive*   **September 2020 – January 2022**
- Collaborated with clients to gather requirements and used **PowerBI** to deliver visually immersive insights into candidate performance in coding/screening tests, boosting operational efficiency by **87%**
- Innovated hiring processes by deploying an AI-powered chatbot and harnessing predictive analysis on chatbot data, achieving a remarkable **90%** growth in operational efficiency and candidate engagement
- Implemented data-driven continuous learning for the chatbot, boosting interaction efficiency by **40%** and enhancing client satisfaction and performance by aligning needs with optimal solutions

Deloitte Touche Tohmatsu Limited, Mumbai, India | *Risk Advisory Analyst Intern*   **January 2020 – July 2020**
- Led risk assurance for IT and pharmaceutical clients, conducting robust data exploration to assess operational effectiveness, test controls, and evaluate financial reports, resulting in an **80%** increase in decision-making efficacy
- Streamlined **IT controls** assessments through rigorous client evidence analysis, **ETL** processes, and advanced visualization techniques, achieving a **30%** efficiency gain and actionable insights for effective risk management
- Analyzed data and visualized dashboards to facilitate a successful subdivision launch, ensuring **99%** data integrity and **PCI-DSS** compliance while developing comprehensive research control documents

EDUCATION

Syracuse University, NY, USA   **August 2022 - May 2024**
Masters in Information Systems with Certificate of Advance Study in Data Science   **GPA:3.9/4**
Relevant Courses: Introduction to Data Science, Data admin concepts and Management, Information technology management and Policy, Information Management and Technology, Data Analysis & Decision Making, Managing Info System Projects, Business Analytics, Information visualization, Enterprise Risk Management, Information systems capstone

ACADEMIC PROJECTS

Predicting healthcare costs and reducing insurance charges   **August 2023 – November 2023**
- Developed a web app with advanced **R scripting** and RStudio's **Shiny Framework** to optimize healthcare spending, identify cost-saving opportunities, and reduce healthcare costs by **80%** through insightful data analysis and informed decision-making
- Harnessed demographic data (**age, gender, regional differences**) to craft diverse visualizations (**alluvial, beeswarm density**) appealing to insurance executives, data scientists, and policymakers, bridging the gap between traditional insurance methods and advanced data-driven strategies, thereby enhancing healthcare system effectiveness

City of Syracuse data analysis at iConsult Collaborative   **October 2022 – April 2023**
- Optimized web pages, conducted **SQL** query analysis, debugged issues, utilized **Alteryx** and **Tableau** for data visualization, and enhanced performance, resulting in a **25%** improvement in user engagement efficiency
- Enhanced database customization to align with specific needs, optimizing data mining capabilities and improving workflow efficiency by 30%

SKILLS

Programming Languages: Python, C, Java, HTML, CSS, SQL, JavaScript, R, Asp.net, PHP
Software and Methodologies: Power BI, Tableau, WordPress, Git, UML, MS Office (Word, Advance Excel, PowerPoint), MATLAB, share point, SAP, Azure, Agile, Scrum, Azure Data Studio, Jupyter Notebook, Visual Studio Code, MS Teams, MS Project, Azure DevOps, Terraform, Ansible, Dynatrace, ServiceNow, Adobe Illustrator, SAS, Cognos, Data Flux, Winscp
Libraries: NumPy, Pandas, matplotlib, tidy verse, ggplot, BEST

CERTIFICATIONS
- Certified ScrumMaster (CSM)
- Microsoft Office Specialist - Excel 2019 Associate

LEADERSHIP SKILLS
- Served as Vice President of Nanhi Kali Syracuse chapter, fundraising to support underprivileged girls in India
- Volunteered at the Indian Development Foundation, teaching underprivileged and contributing to fundraising efforts