GANESHA SRIKARI VEERENDRA PAVANKUMAR NAKKA

+1(302) 543-1166 • pavan.ngsv@gmail.com • https://www.linkedin.com/in/pavankumar-ngsv/

EDUCATION

University of Delaware, Newark, Delaware   Feb 2023 – Dec 2024
Master of Business Analytics and Information Management
> **Relevant Coursework:** Database Design, Enterprise Data Modelling, Advanced Entity Relationship Diagrams, Descriptive Statistics, Applied Probability, Decision Trees, Statistical Process Control (SPC), Hypothesis Testing, Regression Analysis, Agile Methodologies, Project Charter, Business Process Model and Notation (BPMN), Data-flow Diagrams, Feasibility Study, Dashboard Design with Qlik Sense, Data Transformation with Alteryx, Data Visualization with R

Aditya Engineering College, Surampalem, India   Aug 2012 – Apr 2016
Bachelor of Technology in Mechanical Engineering

SKILLS

Programming: Python (Pandas, NumPy), SQL, SAS, R, HTML, CSS, PowerBI DAX
Tools: Qlik Sense, Alteryx Designer, Microsoft PowerBI, Microsoft Access, RStudio, TestRail, Microsoft Excel, Microsoft Word, SharePoint, Visual Studio, Jupyter Notebooks, Azure DevOps, Jira, Selenium WebDriver, BrowserStack, Postman
Methodologies: Software Development Life Cycle (SDLC), Waterfall Model, Agile Methodologies (Agile, Scrum, Kanban), Work Breakdown Structure (WBS), Sprint Planning, User Stories, Sprint Retrospective, Capacity Planning
Testing: Software Testing Life Cycle (STLC), Defect Life Cycle, Test Planning, Requirements Traceability Matrix, Manual Testing, Smoke Testing, Regression Testing, Test Automation

PROFESSIONAL EXPERIENCE

Graduate Teaching Assistant | University of Delaware   Feb 2024 – Present
- Instructed undergraduate and graduate students in Data Analytics using Microsoft PowerBI, fostering their understanding of business intelligence tools.
- Assisted in leading technical training sessions and evaluating assignments, ensuring students' comprehension of key concepts.
- Collaborated with professors to develop course materials and enhance the learning experience for students.

Application Development Team Lead | Accenture Solutions Pvt Ltd., Hyderabad, India   Mar 2021 – Jan 2023
- Managed a team of 9-members, ensuring over 90% achievement of performance targets in end-to-end testing processes.
- Participated in requirements gathering and analysis meetings with stakeholders and clients for a social-media project.
- Converted business goals into user stories for 4 revenue-centric modules, addressing 100% of the requirements and adhering to Behavior-Driven Development (BDD) principles.
- Provided Test Estimations, developed Test Plans, Requirements Traceability Matrix, and Test Coverage plans.
- Compiled and delivered detailed statistical reports on project status using Power BI, offering key insights to clients and leadership team, covering varying time intervals for informed decision-making.
- Presented technical sessions and client demos, led training sessions focused on improving processes and elevating quality.

Software Engineer - QA | Technovert Solutions Pvt Ltd., Hyderabad, India   Jun 2016 – Mar 2021
- Engaged in early SDLC stages, assessing program capabilities, defining features, and determining testing requirements.
- Documented over 100 user stories aligning to BDD principles for 3 projects and managed sprint backlogs in Azure DevOps.
- Designed and implemented 1000+ test cases for web and mobile applications across 8 projects ensuing 100% test coverage.
- Conducted end-to-end testing, identified, and documented more than 200 critical defects within Azure DevOps.
- Executed comprehensive database testing by utilizing complex SQL queries to validate Power BI reports and web applications.
- Performed extensive API testing using Postman tool to validate functionality and reliability of 5+ web services.
- Led a successful Proof of Concept (POC) for implementing Test Automation using Selenium WebDriver and Java.
- Proficient in SharePoint administration, created and managed 50+ SharePoint sites and hubs.
- Interviewed and assessed 100+ candidates, trained 15+ associates, and authored 2 QA-focused blogs.

PROJECTS

Possible Finance Application Using R   Feb 2024 - Present
- Deployed a R code utilizing a facial recognition package for the detection of fraudulent identity logins.
- Conducted a comparison between the login list and customer database, cross-referencing with a fraud list, resulting in the identification of frauds with a 95% accuracy rate.

PwC Switzerland's Power BI Job Simulation on Forage   Nov 2023 – Jan 2024
- Demonstrated expertise in data visualization through the creation of 3 Power BI dashboards for effectively tracking real-time performance of agents and, conveyed KPIs, showcasing the ability to respond to client requests with well-designed solutions.
- Performed in-depth customer risk analysis on the Churn dataset, with specific attributes contributing to elevated churn rates.
- Analyzed HR data, emphasizing gender-related KPIs, and identified root causes for management-level gender balance issues.

Precision Modeling for Midas Automotive Shop   Oct 2023 – Dec 2023
- Created a DAG (Directed Acyclic Graph) model in R Studio for analyzing impact of boss visits on shops.
- Captured historical trends and forecasted expected cars fixed per day and profit during boss visits using visualizations.
- Utilized the exponential function in a generalized linear model, ensuring accurate estimation of expected car fixes.

USA Unemployment and Education Level Data Analysis   Oct 2023 – Dec 2023
- Performed data cleansing with Alteryx Designer and applied data wrangling techniques to preprocess raw data for analysis.
- Analyzed 20-year unemployment and education data for US counties using regression analysis, unveiling actionable insights.
- Conducted geospatial analysis to visualize and investigate data variations across different counties over multiple years.
- Created interactive, visually appealing dashboards in Qlik Sense, aiding stakeholders in data-driven decision-making.

CERTIFICATIONS AND AWARDS

Alteryx Designer Core • Qlik Sense Business Analyst Qualification • HackerRank SQL (Advanced) • ISTQB Foundation Level • ISTQB Agile Tester Extension • Appreciation Awards | Accenture iChamp Client Focus Award Q3, 2021