**PRANAV SATHYAN**

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**CAREER PROFILE**

Experienced Business Analyst with expertise across multiple domains, including Supply Chain, Non-Profit Organization, finance. Skilled in requirements gathering, data analysis, market research, and business intelligence tools such as Power BI, Tableau, and Python. Proficient in system automation, stakeholder engagement, process mapping, and managing end-to-end system development and maintenance. Adept at translating complex data into actionable insights, managing cross-functional projects, and delivering solutions that drive business performance. Seeking a dynamic role to apply my analytical and technical skills in a growth-oriented environment.

**TECHNICAL SKILLS & SOFTWARES**

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| * **Programming Languages**: RStudio IDE, SQL & Python. * **Data Visualization**: Power BI, Tableau, IBM Watson Analytics, Google Data Studio. * **Data Analytics:** R studio, IBM SPSS Modeler, MS Excel, and Rapid Miner. * **Business Skills**: Business Requirement Analysis, Requirements Gathering, Market Research, Competitor Analysis. | * **Web/Multimedia**: MS Office suite, Google Workspace * **Project Management:** Scrum, user Stories, Agile methodology and product strategy. * **Database**: Oracle, MS Access, MySQL * **Certifications**: Watson Analytics 101, Python 101 for Data Science, SharePoint Admin Essentials, Power Platform Fundamentals, Microsoft DP 600: Fabric Analytics Engineer Associate |

**EXPERIENCE**

**BUSINESS ANALYST (Solutions Design and Delivery)**

**Uniting Church of NSWACT, Sydney Nov 2022 - Present**

* Developed Power BI dashboards using Power Query and Dataflows to extract, transform, and load data from various sources (e.g., Data Warehouses, SQL, One lake, Dataverse, Excel, SharePoint), while designing and maintaining data models with defined relationships and DAX calculations to deliver interactive dashboards that enhanced business performance.
* Developed Power BI best practices, backups and governance for consistent quality reporting across the organization.
* Managed SQL database and monitored data quality and take appropriate action for the remediation of data quality issues detected.
* Managed row-level security (RLS) and data sensitivity to safeguard data. Managed the distribution of BI assets to key stakeholders.
* Developed reports in excel as the per stakeholder requirements utilizing power query, VBA, power pivot and other advanced functions in excel.
* Utilized Promapp and MS Visio to map existing (as-is) and future (to-be) processes, identifying opportunities for workflow improvements.
* Supported data and application migration from legacy systems as part of a data migration projects.
* Conducted stakeholder meetings with various teams like Property, Finance, HR, Legal, Marketing within the organization to gather and analyze end user requirements, ensuring comprehensive solution designs captured all business needs. Created detailed documentation for requirements, designs, and solution configurations.
* Collaborated with key business users and stakeholders throughout the SDLC to conduct testing in various environments, ensuring compliance with regulatory requirements, business standards, and security protocols.
* Provided technology training and coaching to end-users, developing comprehensive training materials and quick reference guides for product adoption and successful implementation.
* Reviewed and updated documentation in response to new information and changes, managing project time, cost, quality, and risk implications.
* Contributed to app development using PowerApps, optimizing efficiency and productivity within the organization.
* Undertook additional responsibilities as required to ensure successful project completion.

**BUSINESS ANALYST** (Contract)

**DHL Life Sciences and Healthcare Supply Chain, Sydney May 2021 – Nov 2022**

* Liaised with key project stakeholders, gathering requirements, formulating test plans, preparing test cases, executing tests, and meticulously documenting and reporting results.
* Conducted data analysis and generated performance reports using Excel.
* Developed automated reporting solutions using Power Query, VBA, and Excel formulas to present data and graphs in Word, simplifying reporting processes.
* Developed dashboards by compiling and cleansing data from various sources, visualizing data using Power BI and Dax, and presenting insights to both internal and external stakeholders.
* Collaborated closely with team members to ensure comprehensive test coverage, document quality assurance procedures, and efficiently address all testing scenarios.
* Managed and trained a team of 3, to organize and conduct test cases and perform data analysis.
* Analyzed post-deployment by monitoring data and provided solutions for quality-related operational issues while identifying key areas for improvement.

**JUNIOR DATA ANALYST** (Internship)

**Netball Australia, Victoria Aug 2020 – Nov 2020**

* Analyzed the performance of players in 1000+ matches to discover hidden trends and deliver insights using R and Rapid Miner.
* Performed data cleansing to find general characteristic of the dataset and to identify any anomalies or outliers to ensure that any data inconsistencies are reconciled.
* Relevant insights visualized in Tableau and effectively presented findings and recommendations to Netball Australia.
* Reviewed and provided ideas or methods of improvement for the various data products across the system, including map interpolations, text products, and other data visualizations.
* Provided data analysis to either support or oppose proposed system/product decisions.
* Data interpreted and extracted from various databases.
* Responded to queries either in person or over the phone.

***Task:*** Assist Netball Australia with an objective to make progress in three of the major business problems identified by them.

***Methodology:*** An exploratory analysis including dealing with data – data cleansing, data reporting and analytics was done using basic data analyzing tools including Tableau, Excel and Power BI. Advanced analysis was done using Rapid Miner, R, SQL and Python.

***Result:*** Recommended Netball Australia with suggestions for their business problems.

**PROJECTS**

**AI Agents Development**

***Technologies Used***: OpenAI, N8n, Gemini, Deep seek R1 Groq Playgrounds, selfhosted AI

Built AI agents leveraging the latest technologies to enhance workflow automation and data analysis capabilities.

**Self-hosted Home Media Server Setup**

***Technologies Used***: Linux, Docker

Designed and maintained a home media server using Linux and Docker, managing the end-to-end development and automation of system updates and backups.

**System Automation with Python**

***Technologies Used***: Python 3.13, VS Code, Google collab, PySpark

Developed automation scripts to streamline data processing (web scraping) and system monitoring, reducing manual effort by 30%.

**EDUCATION**

**Master of Business Analytics July 2018 - June 2020**

**DEAKIN UNIVERSITY, Melbourne, Australia**

* Awarded Deakin India Merit Scholarship for academic excellence.
* Achieved Distinction overall.

**Bachelor of Commerce January 2014 - December 2017**

**MAHATMA GANDHI UNIVERSITY, Kerala, India**

* Major: Finance and Taxation.
* Achieved Distinction overall.

**AREAS OF EXPERTISE**

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| * Requirements gathering * Business Intelligence | * Solutions and Advice * Data analysis and visualization | * Communication * Database querying and management |
| * Project management | * Data cleansing and Transformation | * Relationship Management |
| * SharePoint Administration | * Risk Analysis and management | * Technological Proficiency |
| * Strategic Planning * Statistical analysis | * Team Leadership * Agile and Waterfall methodologies | * Service Delivery * ETL processes for data integration |
| * Process flow Development | * Resource Management | * Data migration |

**REFERENCES**

* References can be provided on request.