PUSHPA NERAMBALLI BASAVA

4, Major Road, London - E151EE

📞 +44 7799047875 ✉ pushpa.nb.95@gmail.com 🔗 linkedin.com/in/pushpa

Summary

Exceptional data scientist with 6 years of dynamic experience in application development, data analytics, modeling, and advanced analytics. Demonstrated expertise in managing end-to-end projects, from eliciting customer requirements to deploying innovative technical solutions across diverse infrastructures. Possesses a keen intellect, coupled with robust communication, problem-solving, and leadership acumen. Renowned for consistently delivering superior results within stringent deadlines, earning recognition for outstanding performance.

Technical Skills

Programming Languages: Python, R, SQL, C, Java, HTML, CSS, C++
Data Engineering: ETL (Extract, Transform, Load), Data Pipelines, Data Validation, Data Quality
Machine Learning: Regression, Classification, Clustering, NLP, Deep learning
Data Visualization: Matplotlib, Seaborn, Tableau, Power BI
Statistical Analysis:Hypothesis Testing, A/B Testing, Statistical Modeling
Python Libraries and Tools:NumPy, Pandas, Scikit-learn, TensorFlow, Keras, Jupyter Notebook
Database and Database Management: Database Management, SQL, MongoDB, PostgreSQL, Data Pipelines, Indexing,Data Validation, Microsoft Azure Synapse, Data Warehouse
DevOps : Git, Jenkins,Azure DevOps, CI/CD (Continuous Integration/Continuous Delivery)
Software and Technology::Azure, AWS, Power BI, Agile Methodology, JIRA Software, Scrum and Kanban Methodology
Communication : Collaboration, Teamwork, Technical Documentation

Experience

ActionAid UK   **Jan 2023 − Present**
Data Scientist   *London, United Kingdom*

- Conducted comprehensive data analysis and exploratory data analysis(EDA) by Strategic Communications to derive actionable insights from large datasets using Python, R, and SQL.
- Developed advanced machine learning models, improving accuracy and performance in predictive analytics by 93.56% this increased the fundraising
- Designed and implemented data visualizations using Matplotlib, Seaborn, and Power BI to effectively communicate complex findings to stakeholders with Strategic Communications.
- Collaborated with cross-functional teams to understand data requirements by research and design predictive models aligned with organisational goals for charities.
- Contributed to the CRM project using Dynamic 365, integrating data analytics to enhance customer relationship management strategies.
- Led a collaborative effort to successfully migrate data to Microsoft Azure Synapse, spearheading the development of efficient data pipelines. Facilitated team engagement and voluntary participation, ensuring seamless integration and optimal performance.
- Implemented monitoring and alerting systems to proactively resolve data pipeline issues, developed robust data ingestion processes, and documented data science processes and best practices for knowledge sharing.

BSH Home Appliances   **Nov 2021 - Oct 2022**
Data Scientist   *Milton Keynes, United Kingdom*

- Conducted Developed predictive models using statistical and machine learning techniques to optimize inventory management and reduce costs by 10%.
- Employed advanced data analysis techniques, including exploratory data analysis, to derive insights from extensive datasets, notably integrating findings from the Employment Survey and Customer Feedback Project conducted within Bosch's Manufacturing Division.
- Designed interactive Power BI dashboards for real-time data visualization and informed decision
- Implemented predictive maintenance using time series data to minimize downtime, reduce maintenance costs, and ensure seamless production flow in home appliance manufacturing plants.

BSH Home Appliances   **Feb 2018 - Aug 2021**
Software Engineer   *Bangalore, India*

- Utilized data analysis techniques for various reports (ALV, GSTN, tax deductions, aging) to provide valuable insights for financial management, demonstrating strong analytical skills.

- Worked in an Agile environment (JIRA Software) using Scrum and Kanban methodologies, collaborating with data science teams to deliver data-driven solutions, showcasing teamwork and adaptability.
- Developed and migrated custom ABAP code to SAP S/4HANA, enhancing data processing capabilities and highlighting technical expertise in SAP technologies.
- Performed data-related BASIS activities during system upgrades, ensuring data integrity and smooth migration, demonstrating attention to detail and data management proficiency.
- Created SAP reporting tools for senior managers, improving business efficiency through data-driven analytics, showcasing ability to translate data insights into actionable solutions.

Education

University of Sussex   **Sept 2021 – Oct 2022**
Msc in Data Science   *Brighton, United Kingdom*

University of visvesvaraya   **Aug 2013 – July 2017**
BE Information Science   *Bangalore, Karnataka*