Kirankumar Yadav

Role: Data Scientist   **Email:** iamkirankumaryadav@gmail.com   **Contact:** +91 9004967226

LinkedIn: iamkirankumaryadav   **GitHub:** iamkirankumaryadav   **Digital Profile:** Resume

Objective

Organized with interpersonal, analytical, productive, and creative skills. Working in a challenging environment that enriches my knowledge and experience. Seeking for the opportunities that involves continuous learning.

Experience

Tata Consultancy Services: March 2022 - Present

Senior Engineer ITA | **Data Scientist:** Data Science and BI, Business Excellence and Optimization.

Foraysoft: May 2021 – March 2022

Data Scientist: TCS Business Associate: Analytics and Insights, Business Transformation Group.

Bluechip Corporate Investment Centre: October 2017 - May 2021

SDE | Data Analyst: Data Analysis and Data Reporting.

Skills

Languages: Python, SQL, and DAX (Data Analysis Expressions)

Data Science Environments: Anaconda and Jupyter Notebook Interface.

Source Code Editor: Microsoft Visual Studio Code and **PyCharm**.

Databases: Microsoft SSMS, Teradata and Snowflake.

RDBMS: MySQL Work Bench, SQLite, PostgreSQL, Microsoft Access.

Cloud Infrastructures: AWS Data Lab, SAP Data Intelligence and Simcloud.

Libraries: Pandas, NumPy, Matplotlib, Seaborn, Plotly, Scikit Learn, etc.

Business Intelligence Tools: Microsoft Power BI and Tableau.

Excel Analytics: Power Pivot and Power Query.

Front End: HTML, CSS, JavaScript, Bootstrap and Markdown.

Productivity: Google Workspace, Microsoft 365, Apple iWork, Salesforce Quip, Notion, Atlassian, Wrike, Miro.

Creativity: Canva, Paint 3D.

Foresights: Google Analytics, Data Studio, Marketing Platform, Figma, Framer, Adobe Creative Cloud.

Education

Postgraduate: Data Science, Edvancer IIT - IIM Venture, Mumbai (2020)

Bachelor of Engineering: Computer, University of Mumbai (2017)

Higher Secondary School Certificate (2013)

Secondary School Certificate (2011)

Relevant Professional Experience

Tata Consultancy Services: Senior Engineer ITA | Data Scientist

Apple Inc. - SAP Global Systems: Data Science and SAP Data Intelligence.

1. Leading the MLOps technical development team and the sustenance team for offshore.
2. Delivering volume reports, recommendations, implementation guides, research findings to client leaders.
3. Integrating with the platform team for troubleshooting the issues related to SAP DI Launchpad.
4. Associating the BASIS team to ensure proper operation and migration of required data in sidecar.
5. Implementing the SR's and CR's for promoting the pipelines from DEV to UAT to PROD Environment.
6. Collaborating on PR's made for code reviews and Integrating SAP DI Git Terminal with GitHub Enterprise.
7. Scrum master of the team, assembling with the team in streamlining the process with the help of Wrike.
8. Cooperating with the SAP support team during the maintenance window for pipeline status verification.
9. Scanning the codebase and hosts using the (IS) Information Security tool Gatehouse Check Engine.
10. Inspecting code qualities with static analysis tool SonarQube, which detects vulnerabilities in codebase.
11. Registering open-source Python libraries installed in the environments on Apple's portal via OSS batch.
12. Team up with the DevSecOps team for triggering pipelines and promoting solutions in the Jenkins.

Apple Inc. - BPR Decision Support: Business Excellence and Optimization.

1. Automatic label validation: Product labels (Barcode, QR code, data matrix, artwork, and marcom texts)
2. Product label annotation: Extracting label clips with Apple's inhouse annotation and labeling tool.
3. Object detection auto train pipeline: Detection, decoding and sequencing of labels using YOLOv5.
4. Training the models with extracted label clips to improve the detection for next iteration.
5. Running object detection auto train pipeline on Simcloud and validating the accuracy of outputs.

Foraysoft: Data Scientist (TCS Business Associate)

HPE: Hewlett Packard Enterprise - Supply Chain Analytics and Insights.

1. Performed exploratory data analysis, cleaning, preprocessing, visualization and reporting using Python.
2. Determined data analysis and reporting using Excel Analytics tools: Power Pivot and Power Query.
3. Developed interactive dashboards to monitor the demand supply gap and line of balance between the demand, supply, and shortage of SKU for AMR, EMEA and APAC regions using Microsoft Power BI.

Bluechip Corporate Investment Centre: SDE | Data Analyst

1. Developed and designed official website for Bluechip Corporate Investment Centre Private Limited.
2. Collaborated with Accord Fintech for equity market data and ICRA Analytics for mutual fund data.
3. Integrated with the marketing team to understand the products and services for proper analysis.
4. Upgraded databases, schemas, data tables and stored procedures using SQL in Microsoft SSMS.

Hobbies

Exploring Data Science, Business Intelligence and Artificial Intelligence environments, innovations and tools.
Exploring OS, UI and UX designs of digital gadgets, productivity, creativity, utility applications and tools.