

# Kirankumar Yadav

Role: Senior Data Scientist • Email: [iamkirankumaryadav@gmail.com](mailto:iamkirankumaryadav@gmail.com) • Phone: [+919004967226](tel:+919004967226)

Location: Bangalore, India • Professional Portfolio: [LinkedIn](#), [GitHub](#), and [Personal Website](#)

## Skills

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- Core: Data Science, Machine Learning Operations (MLOps), Business Intelligence (BI), and Scrum Master.
- Languages: Python, SQL, DAX, HTML, CSS, JavaScript, Bootstrap, and Markdown.
- Data Science Environments: Anaconda, JupyterLab, and Jupyter Notebook Interface.
- Source Code Editor: Microsoft Visual Studio Code, JetBrains PyCharm, and JetBrains Fleet.
- Libraries: Pandas, NumPy, PySpark, Matplotlib, Seaborn, Plotly, Bokeh, Scikit Learn, etc.
- Business Intelligence Tools: Microsoft Power BI, Google Looker Studio (Data Studio), and Tableau.
- Microsoft Excel Analytics: Power Pivot, Pivot Table, Pivot Chart, and Power Query.
- Databases: Microsoft SQL Server Management Studio, Teradata, and Snowflake.
- Cloud Infrastructures: AWS Data Lab, AWS Workspace, and SAP Data Intelligence.
- Generative AI: OpenAI ChatGPT, Google Gemini, Perplexity AI, Microsoft Copilot, and Notion AI.
- Productivity: Google Workspace, Microsoft 365, Apple iWork, Atlassian, Quip, GitHub, and Wrike.
- Creativity: Canva, Adobe Express, Adobe Firefly, Microsoft Designer, Midjourney, and Miro.
- Foresight: Microsoft Fabric, Google Marketing Platform, Framer, Figma, and Adobe Creative Cloud.

## Experience

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LTIMindtree, Bangalore (February 2024 - Present)

Data Science Specialist

Fosfor Decision Cloud: Data Science, Spectra (DataOps), Refract (MLOps), Lumin (GenAI), NLP, and BI.

- Utilized the Fosfor Decision Cloud, a suite of AI powered data transformation, machine learning operation and decision intelligence tools, to solve complex business problems.
- Fosfor Decision Cloud: A suite of cloud-based tools designed to help business transform data into actionable insights and make better decisions.
- Fosfor Spectra (Data Designer): A comprehensive DataOps platform to simplify and improve the data pipeline process, enabling efficient data cleansing, transformation and enrichment.
- Fosfor Refract (Insight Designer): An enterprise-based Machine Learning Operations (MLOps) platform that facilitates a no-code/low-code approach for building, training, and deploying ML models.
- Fosfor Lumin (Decision Designer): A decision intelligence tool, it empowers business users to explore all their data and gain limitless insights through natural language search and advanced analytics.

Tata Consultancy Services, Bangalore (March 2022 - January 2024)

Senior Data Scientist

Apple Inc. SAP GSP: Data Science, Machine Learning Operations (MLOps), and Business Intelligence (BI)

- Directed the MLOps Team, overseeing operations and long-term sustenance efforts. Achieving a 45% increase in operational efficiency and a 25% reduction in incident resolution time through strategic process optimization on Systems, Applications and Products in Data Processing (SAP) Global System Platform.
- Revamped project management processes by implementing Wrike, the project management application improved team collaboration and project delivery timelines by 25%.
- Provided clients with actionable insights by delivering comprehensive reports, recommendations, and implementation guides, contributing to a 30% increase in client satisfaction.
- Associated with the BASIS (Business Application Software Integration Platform) Team, ensuring smooth operations and migrations of data in the SAP Data Intelligence (SAP DI) Data Lake and HANA Sidecar, resulting in zero data integrity issues.
- Improved code quality and deployment efficiency by integrating SAP Data Intelligence with GitHub Enterprise for creating CI/CD workflows. Conducted productive code reviews, reducing integration issues by 20%.
- Enhanced codebase security with Gatehouse Check Engine and SonarQube for code and host scanning, reducing vulnerabilities by 30%.

- Coordinated with the Quality Assurance Team for PT (Performance Testing), RT (Regression Testing), and UAT (User Acceptance Testing) approvals and signoffs.
- Teamed up with the DevSecOps (Development, Security, and Operations) Team for Jenkins automation, triggering pipeline builds and promoting solutions. Automation reduced the deployment time by 80%.

## Data Scientist

### Apple Inc. Business Process Reengineering (BPR): Business Excellence and Optimization.

- Pioneered automatic label validation processes, ensuring the accuracy and integrity of product labels (Barcode, QR code, data matrix, artwork, and marcom texts), reduced the labelling errors by 20%.
- Deployed Object Detection Auto-Train Pipeline utilizing YOLOv5, enabling the seamless detection, decoding, and sequencing of labels. This deployment improved the label detection accuracy by 20%.
- Trained models with extracted label clips, the training enhanced the detection accuracy in subsequent iterations by 20%, contributing to the continuous improvement of the object detection pipeline.
- Executed the Object Detection Auto-Train Pipeline on Simcloud, validating outputs and ensuring a 20% increase in overall accuracy, reducing false positives and negatives.

## Digital Productivity Specialist

- Applied knowledge in Google Workspace, Microsoft 365, and Apple iWork to significantly enhance workflows for individuals and organizations, The applications improved the overall efficiency and collaboration by 20%.
- Organized comprehensive training initiatives, empowering teams to effectively use productivity tools. Achieved a 25% increase in team proficiency and a notable reduction in support requests.
- Actively participated in industry conferences, including Google I/O, Microsoft Build, Apple WWDC, Samsung SDC, and Adobe Summit. Gained insights to drive the adoption of emerging technologies.
- Engaged in early access programs (Experiments, Previews and Beta Versions) for new applications and operating system updates, providing constructive feedback on features, usability, and accessibility.
- Established a comprehensive portfolio demonstrating proficiency in productivity tools, facilitating effective communication of skills. This initiative increased the professional visibility and opportunities by 20%.

## Foraysoft, Hyderabad (May 2021 - February 2022)

### Data Scientist

#### HPE – Hewlett Packard Enterprise: Supply Chain Analytics and Insights.

- Supervised Exploratory Data Analysis with data mining, data cleansing, data preprocessing, and data visualization in Python. Achieved a 40% improvement in data accuracy and processing time.
- Conducted Excel Analytics tools, including Power Pivot, Pivot Table, Pivot Charts, and Power Query, to streamline data analysis and reporting processes. This optimization increased the report accuracy by 25% and reduced the manual data handling by 80%.
- Engineered interactive dashboards with Microsoft Power BI to monitor demand-supply gaps, SKU shortages and line of balance across AMR, EMEA, and APAC regions. The dashboard improved the decision-making precision by 30%.
- Applied Data Science, and Business Intelligence methodologies in the Hi-Tech domain. Contributed to a 20% increase in operational efficiency and a 65% improvement in strategic decision-making.

## Bluechip Corporate Investment Centre, Mumbai (October 2017 – May 2021)

### Senior Data Analyst

- Collaborated with Accord Fintech and ICRA Analytics, enhancing data quality by 60% and improving the accuracy of financial analyses by 45%.
- Enabled seamless integration with the Marketing Team that improved the accuracy of market analyses by 25%, empowering more informed decision-making.

## Education

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Postgraduate, Data Science and Artificial Intelligence, Mumbai (2020)

Bachelor Of Engineering (B.E.), Computer Engineering, University of Mumbai (2017)