

# Kirankumar Yadav

Data Scientist • [iamkirankumaryadav@gmail.com](mailto:iamkirankumaryadav@gmail.com) • [+919004967226](tel:+919004967226) • [Linkedin](#) • [GitHub](#) • [Website](#)

## SKILLS

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- **Core:** Data Science, Data Analytics, Business Intelligence, and Artificial Intelligence.
- **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, Matplotlib, Seaborn, Plotly, Bokeh, Scikit Learn, etc.
- **Business Intelligence Tools:** Microsoft Power BI, Google 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, SAP Data Intelligence, and Simcloud.
- **Generative AI:** OpenAI ChatGPT, Google Bard, Perplexity AI, Consensus AI, Bing AI, and Notion AI.
- **Productivity:** Google Workspace, Microsoft 365, Apple iWork, Atlassian, Quip, GitHub, and Wrike.
- **Creativity:** Canva, Paint 3D, Adobe Express, Adobe Firefly, Microsoft Designer, Midjourney, and Miro.
- **Foresight:** Microsoft Fabric, Google Marketing Platform, Framer, Figma, and Adobe Creative Cloud.

## PROFESSIONAL EXPERIENCE

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### TATA CONSULTANCY SERVICES

Senior Engineer ITA - Data Scientist

Bangalore

MARCH 2022 - Present

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

- Leading the offshore MLOps technical development and sustenance teams.
- Scrum master of the team, assembling in streamlining the process with the help of Wrike.
- Delivering reports, recommendations, implementation guides, and research findings to clients.
- Integrating with the Platform team to troubleshoot the SAP DI Launchpad issues.
- Associating the BASIS (Business Application Software Integrated Solution) team to ensure proper operation and migration of data in the SAP Data Intelligence Data Lake and HANA Sidecar (High-Performance Analytics Appliance).
- Implementing the SRs (Service Requests) and CRs (Change Requests) for promoting the pipelines from DEV (Development) to IT (Integration Testing) to UAT (User Acceptance Testing) to PROD (Production) Environments.
- Collaborating on PRs (Pull Requests) made for code reviews and Integrating SAP Data Intelligence Terminal with GitHub Enterprise for CI/CD (Continuous Integration Continuous Deployment)
- Preparing end-to-end project cutover plans for all the environments with the help of the team.
- Raising HCL (Help Central Query) tickets and RITMs when something goes wrong in the environment.
- Creating implementation guides for the CR deployment of pipelines in the Production environment.
- Cooperating with SAP support (SAP for Me) during the maintenance window for pipeline status verification.
- Working together with the APIM (Application Programming Interface Management) team to establish, set up, configure, and address any issues related to APIs.
- Scanning the codebase and hosts using the in-house Information Security tool Gatehouse Check Engine.
- Inspecting code qualities with the static analysis tool SonarQube, to detect vulnerabilities in the codebase.
- Registering open-source Python libraries installed in the environments on Apple's portal via OSS batch.
- Adding webhooks in GitHub Enterprise repositories to trigger the pipeline builds once the pull request is merged and closed successfully.
- Coordinating and following up with the Quality Assurance team for PT (Performance Testing), RT (Regression Testing), and UAT (User Acceptance Testing) approvals and signoffs to ensure the functionality, usability, and reliability of the pipelines.
- Team up with the DevSecOps (Development, Security, and Operations) team to trigger pipeline builds and promote solutions in Jenkins.
- Associating with the BTP Team (Business Technology Platform Team) to validate the running status of the SAP Data Intelligence platform post-maintenance windows.
- Monitoring the PROD environment after every planned maintenance to validate the functionality updates.

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

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

## Digital Productivity Consultation

- I'm passionate about productivity tools, such as Google Workspace, Microsoft 365, and Apple iWork. I use my expertise to help individuals and organisations in optimizing their workflows, increase efficiency, and improve collaboration.
- Training and supporting the team in using productivity tools effectively.
- Making myself and my team familiar with their various applications, features, and integrations.
- Assisting in the implementation and customization of productivity software for clients.
- Troubleshooting and resolving technical issues related to these tools.
- Staying up to date with the latest features and updates of these software suites.
- I have created a portfolio to showcase my proficiency in using productivity tools.
- As the field of productivity tools continues to evolve, I am continuously learning and adapting to new technologies and trends to maintain my expertise.

## FORAYSOFT Data Scientist

Hyderabad  
MAY 2021 - MARCH 2022

- Performed EDA - exploratory data analysis, cleaning, preprocessing, visualization, and reporting using Python.
- Determined data analysis and reporting using Excel Analytics tools: Power Pivot, Pivot Table, Pivot Charts and Power Query.
- 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.
- Application of Data Science, Data Analytics and Business Intelligence in the Hi-Tech domain.

## BLUECHIP CORPORATE INVESTMENT CENTRE Data Analyst

Mumbai  
OCTOBER 2017 - MAY 2021

- Developed and designed the official website for Bluechip Corporate Investment Centre Private Limited.
- Collaborated with Accord Fintech for equity market data and ICRA Analytics for mutual fund data.
- Integrated with the marketing team to understand the products and services for proper analysis.
- Created an effective interface between marketing staff and clients to help clients achieve their financial goals and make informed business decisions.

## EDUCATION

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### POSTGRADUATE Data Science and Artificial Intelligence

Mumbai  
2020

### BACHELOR OF ENGINEERING Computer Engineering, University of Mumbai

Mumbai  
2013 - 2017

## INTERESTS

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- Stay up to date with the latest technology trends and developments by actively participating in industry conferences, such as Google I/O, Microsoft Build, Apple WWDC, Samsung SDC and Adobe Summit.
- I am passionate about optimizing the UX (User Experience) of OS (Operating Systems) and digital devices UI (User interfaces).
- I am keen to experiment with Productivity, Creativity, and Utility applications to discover their limitless possibilities and contribute my constructive feedback to help improve them.
- I participate in early access programs (Experiments, Preview, and Beta versions) for new applications and operating systems updates to provide productive feedback on new features, usability, and accessibility.