

Akash Yadav

Software Engineer @Infosys

Experienced Data Scientist with over 3 years of expertise in leveraging data-driven insights to solve complex business problems. Successfully contributed to a high-impact project at Philip Morris International (PMI), developing automation solutions using Python and Robotic Process Automation (RPA). Proficient in designing and deploying AI chatbots, recommendation systems, and custom automation tools to optimize workflows and enhance user experiences.

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WORK EXPERIENCE

Python and RPA Developer Philip Morris International (PMI)

02/2023 - Present

Achievements/Tasks

- Developed Python-based automation tools leveraging RPA, Machine Learning, and cloud technologies (AWS).
- Integrated solutions with platforms such as Salesforce, ServiceNow, and Demandware to enhance operational efficiency.
- Designed and implemented scripts to optimize processes, reducing manual intervention and streamlining workflows

Java Springboot Developer Walmart

05/2022 - 01/2023

Achievements/Tasks

- Led development for Walmart projects in Supply Chain and Store Hourly domains.
- Enhanced system functionality with JDBC template changes, debugging, and testing.
- Supported successful production deployments and ensured system reliability.

PERSONAL PROJECTS

Book Recommendation System

- Built collaborative filtering and popularity-based algorithms; deployed using Flask.

Demandware Password Reset Automation tool

- Created an RPA-driven password reset solution for Salesforce. Build multiple Automation tools using Python RPA, Machine Learning and NLP.

EDUCATION

Data Science Master Program ExcelR Solutions, Bengaluru

05/2023 - 05/2024

B.Tech in Computer Science and Engineering Dr. Abdul Kalam Technical University, Lucknow

07/2018 - 08/2021

SKILLS

-Data Storytelling and Communication -Problem Solving and Critical Thinking -Collaboration and Teamwork

Programming Languages: Python, SQL, Java. Data Analysis & Visualization: Pandas, NumPy, Matplotlib, Seaborn, Plotly, Power BI, Tableau. Machine Learning: Scikit-learn, TensorFlow, PyTorch, XGBoost, LightGBM and others ML Algorithms. Deep Learning: Neural Networks, Convolutional Neural Networks (CNNs), Recurrent Neural Networks (RNNs), Natural Language Processing (NLP). Big Data Technologies: Hadoop, Spark, Database Management: MySQL, MongoDB . Cloud Platforms: AWS (S3, EC2, Lambda), Azure, Google Cloud Platform (GCP). Version Control: Git, GitHub, Bitbucket

ACHIEVEMENTS

Infosys RISE Award for two consecutive years (2023, 2024)

CERTIFICATES

Data Analytics Certification (05/2023 - 05/2024)

Data Science Certification (05/2023 - 05/2024)

Infosys certified Cloud Professional Certification

Infosys Certified Data Science Professional

Infosys Certified MySQL Associate Certification

Infosys RISE Award for two consecutive years (2023, 2024)

ORGANIZATIONS

Infosys Ltd. (12/2021 - Present)

LANGUAGES

Hindi, English

Full Professional Proficiency