PRIYA PATEL

Senior Data Scientist & ML Engineer

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TECH STACK

Programming Languages

Python · R · SQL · Scala · Java

ML/AI Frameworks

TensorFlow · PyTorch · Scikit-learn · Keras · XGBoost

Cloud & Big Data

AWS · Azure · Spark · Hadoop · Databricks

Visualization & Tools

Tableau · Power BI · Jupyter · Docker · Git

CERTIFICATIONS

AWS Certified Machine Learning Specialty
Amazon Web Services • 2023

Microsoft Azure Data Scientist Associate
Microsoft • 2022

TensorFlow Developer Certificate
Google • 2021

PROFESSIONAL SUMMARY

Senior Data Scientist with 7+ years of experience building and deploying machine learning solutions at scale. Expertise in deep learning, natural language processing, and computer vision with proven track record of delivering business impact through data-driven insights. Led cross-functional teams to implement AI solutions serving millions of users while maintaining high performance and reliability standards.

PROFESSIONAL EXPERIENCE

Senior Data Scientist

2020 - Present

Microsoft Corporation

Lead development of recommendation systems and personalization algorithms for Microsoft 365 suite, serving 300M+ active users. Design and implement deep learning models for natural language understanding and content recommendation using TensorFlow and PyTorch.

Key Achievements:
• Improved user engagement by 35% through advanced recommendation algorithms
• Led team of 5 data scientists on multi-million dollar AI initiative
• Deployed production ML models processing 10TB+ data daily
• Reduced model inference latency by 60% through optimization techniques