Alex Johnson

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Professional Summary

Machine Learning Engineer with 5+ years of experience in designing, developing, and deploying machine learning models. Proven expertise in collaborating with data scientists to build scalable ML solutions, from data preprocessing to model deployment and monitoring. Skilled in supervised, unsupervised, and reinforcement learning techniques, with a strong focus on feature engineering, model optimization, and performance tracking.

Key Skills

- Python, Java, C++

- TensorFlow, PyTorch, Keras, Scikit-learn

- Supervised, Unsupervised, Reinforcement Learning

- Overfitting, Regularization, Feature Selection

- Apache Spark, Kafka, SQL, NoSQL

- AWS, Azure, Model deployment & monitoring

- Data preprocessing, Feature engineering

- Cloud platforms and model scalability

Professional Experience

ML Engineer at AI Solutions (2020-Present)

- Collaborated with data scientists to build and deploy scalable ML models, boosting prediction accuracy by 45%.

- Applied supervised, unsupervised, and reinforcement learning techniques for diverse business solutions.

- Automated data preprocessing pipelines using Apache Spark and Kafka.

- Deployed and monitored models on AWS and Azure, enhancing performance by 35%.

- Implemented regularization and feature selection techniques to prevent overfitting.

Education

Master of Science in Computer Science

IIT Bombay | 2016 - 2018

Certifications

- AWS Certified ML Engineer

- TensorFlow Developer Certification

- Apache Spark and Kafka Certification