

Aditya Kiran Repekar

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Summary

Results-driven professional with 5 years of experience in Machine Learning, DevOps, and Cloud technologies. Skilled in developing and implementing ML models, optimizing algorithms, and leveraging cloud infrastructure for scalable solutions. Adept at collaborating with cross-functional teams to deliver high-quality projects and achieve business objectives. Committed to continuous learning and staying updated with emerging trends in AI and MLOps.

Skills & Abilities

Python, SQL (MySQL, PostgreSQL), Machine Learning Algorithms (Linear Regression, Logistic Regression, Decision Trees, Random Forest, Clustering, Deployment (AWS, Amazon Sagemaker, Flask, FastAPI, Docker), Monitoring (Prometheus, Grafana, Splunk)

Experience

AI Engineer | CitiusTech Healthcare Technology Solutions | April 2022-Present

Implemented a machine learning algorithm to optimize health claim adjudication process, resulting in significant outcomes and increased auto adjudication rate. Key achievements include –

- Improved Efficiency: Successfully deployed the random forest model to automate the health claim decision-making process, leading to a notable increase in auto adjudication rate by 72% to 90%
- Enhanced Accuracy: By leveraging the power of ensemble learning, achieved higher accuracy in predicting claim outcomes compared to traditional rule-based systems, resulting in reduced errors and improved decision-making precision.
- Cost Reduction: Streamlined the adjudication process by minimizing manual intervention, resulting in cost savings of 5 Million USD by reducing the need for human intervention and accelerating the overall claims processing time.

Associate Consultant – Data | Acrotrend Solutions | November 2021–April 2022

- Designed and implemented end-to-end data pipelines using Apache Airflow, orchestrating the entire data integration, transformation, and loading process, resulting in enhanced workflow management and reduced manual effort
- Leveraged Snowflake to stage and flatten JSON responses from S3, enabling efficient data storage, analysis, and querying, contributing to improved data accessibility and analytics workflows.

DevOps Engineer | Concentrix | September 2019–October 2021

- Experienced DevOps engineer proficient in Streamlining Deployment Process, Increasing Scalability, Enhancing Release Management, Improving Collaboration, Automating Build and Testing, Ensuring Consistency

Senior Software Engineer – Cloud | Capgemini | December 2015-April 2017

- Assisted in managing and maintaining cloud infrastructure, including provisioning and monitoring resources on AWS ensuring availability, performance, and scalability

Education

- Executive Post-Graduate Program in AI&ML | September 2023| IIIT, Bangalore
- Bachelors of Engineering | June 2015| VESIT, Mumbai

Certifications

- AWS Certified Machine Learning Specialty | December 2022
- AWS Certified Solutions Architect Associate | June 2021
- Hashicorp Certified Terraform Associate| December 2021