

SIDHARTH KUMAR PRADHAN

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PROFESSIONAL SUMMARY

Results-driven MLOps professional with 4+ years of experience, delivering impactful solutions at scale. Led teams to achieve a remarkable 30% reduction in deployment time, an impressive 40% decrease in model errors, and a significant 25% improvement in computational efficiency. Adept at innovating and seamlessly integrating machine learning to solve complex problems. Committed to democratizing AI and driving revolutionary advancements.

EDUCATION

M.Tech: Mechanical Engineering Biju Patnaik University of Technology	2019 Odisha, India
B.Tech: Mechanical Engineering Centurion University of Technology and Management	2016 Odisha, India

WORK EXPERIENCE

Senior MLOps Engineer Kroll	12/2021 to Current Hyderabad, India
<ul style="list-style-type: none">Spearheaded end-to-end MLOps pipeline design and execution, resulting in a 40% project delivery time.Optimized ML pipelines, reducing model training time by 50%.Enabled 70% faster time-to-market by implementing MLOps on multi-cloud and Kubernetes platforms.Pioneered an automated model monitoring and alerting system, leading to a 30% reduction in model errors.Mentored and trained junior engineers, fostering a collaborative and high-performing team culture.	
DevOps Engineer OSI Digital	05/2021 to 11/2021 Hyderabad, India
<ul style="list-style-type: none">Customized solutions, minimizing production delays by 70% and ensuring 95% on-time delivery.Designed and maintained cutting-edge MLOps infrastructure using Azure ML Services.Strengthened real-time monitoring and alerting systems, enhancing data reliability and accuracy.Implemented automated deployment pipelines, resulting in a 30% reduction in deployment errors.Collaborated with cross-functional teams to improve development and deployment processes.	
System Administrator PCS Global	09/2019 to 04/2021 Kolkata, India
<ul style="list-style-type: none">Managed, troubleshooted, and updated hardware and software assets, leading to a 40% reduction in system downtime.Successfully implemented preventive measures, maintaining 99% system availability.Automated patching and configuration processes, reducing deployment time by 50% and improving infrastructure consistency by 75%.Introduced a centralized logging and monitoring system, enhancing incident response time by 40%.Provided technical support to internal users, ensuring seamless system operation.	

SKILLS

<ul style="list-style-type: none">Machine Learning: MLflow, Kubeflow, Tensorflow, Keras, PySpark, H2O, Azure ML, AutoML, AWS Sagemaker, Vertex AIProgramming Languages: Python, C++, R, Java, HTML, CSS, JavaScript, ReactData Analysis and Visualization: Numpy, Pandas, Scipy, Matplotlib, Seaborn, Plotly, Tableau, Power BIDeep Learning Frameworks: Tensorflow, Keras, PyTorch, OpenCVCloud Platforms: AWS, Azure, GCP, IBM Cloud, Linode, Digital Ocean	<ul style="list-style-type: none">DevOps: Kubernetes, Docker, Ansible, Terraform, Jenkins, CI/CD, Azure DevOps, AWS CodePipeline, Bash Scripting, Powershell ScriptingDatabases: SQL, MS-SQL, MySQL, PostgreSQL, Cassandra, MongoDBVersion Control: Git, GitLab, SVNOperating Systems: Ubuntu, Windows Server 2019, RedHat LinuxData Engineering: DataOps, ETL, Dagster, Airflow, Spark, Hadoop, Data Lake, Data Warehouse, Snowflake, Databricks, Azure Synapse Analytics, Data Factory, HDInsights, Stream Analytics
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