

# 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

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

## WORK EXPERIENCE

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

## SKILLS

- Machine Learning: MLflow, Kubeflow, Tensorflow, Keras, PySpark, H2O, Azure ML, AutoML, AWS Sagemaker, Vertex AI
- Programming Languages: Python, C++, R, Java, HTML, CSS, JavaScript, React
- Data Analysis and Visualization: Numpy, Pandas, Scipy, Matplotlib, Seaborn, Plotly, Tableau, Power BI
- Deep Learning Frameworks: Tensorflow, Keras, PyTorch, OpenCV
- Cloud Platforms: AWS, Azure, GCP, IBM Cloud, Linode, Digital Ocean
- DevOps: Kubernetes, Docker, Ansible, Terraform, Jenkins, CI/CD, Azure DevOps, AWS CodePipeline, Bash Scripting, Powershell Scripting
- Databases: SQL, MS-SQL, MySQL, PostgreSQL, Cassandra, MongoDB
- Version Control: Git, GitLab, SVN
- Operating Systems: Ubuntu, Windows Server 2019, RedHat Linux
- Data Engineering: DataOps, ETL, Dagster, Airflow, Spark, Hadoop, Data Lake, Data Warehouse, Snowflake, Databricks, Azure Synapse Analytics, Data Factory, HDInsights, Stream Analytics