CH.NIKHIL PATRO

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OBJECTIVE

DevOps Engineer with one year of hands-on experience in automating and optimizing mission-critical deployments , leveraging configuration management, CI/CD, and DevOps processes. Skilled in building and maintaining scalable, high-performance systems and environments.

SKILLS

Scripting Languages:	Python
Basic Knowledge of Technical skill:	C-Programming,Core Java,Sql,Html
Operating Systems	Linux (Ubuntu, CentOS), Windows
Version Control:	Git, GitHub
Cloud Platforms:	AWS
DevOps Tools:	Docker, Kubernetes,Jenkins
Other Interests:	Machine Learning, Frontend Web Development,Backend Web Development

CERTIFICATION

Big Data Computing   Aug-Nov 2022
By NPTEL   *IIT,Kanpur*

Python Programming   Jul-Sep 2022
Great Learning   *India*

Docker For Intermediate   Jan-Mar 2024
Great Learning   *India*

EXPERIENCE

DEVOPS ENGINEER   MAY 2023- AUG 2024
StockXBid Technologies Pvt.Ltd   *Bengaluru*

- Deploying, Configuring, maintaining IT infrastructure with Linux-based systems such as Ubuntu 22.04 and Centos 7.

- Building and managing a highly available monitoring infrastructure to monitor application servers, and its components using Nagios.

- Responsible for managing the Help Desk identified, prioritized, and resolved reported issues.

- Reduced deployment time by 30 Percent.

- Implemented containerization using Docker and orchestrated containerized applications with Kubernetes .

- Managed and monitored cloud-based infrastructure on AWS,optimizing performance and cost-efficiency.

- Developed a Python-based backend system using Flask framework to handle incoming WhatsApp messages, process requests, and interact with the database.

PROJECTS

Credit Card Fraud Detection using Random Forest   Oct 2022 - Feb 2023
Used ML algorithms in Python to detect fraud using real-time datasets.
Technologies:-Machine Learning
Programming Languages:-Python
Python Libraries:-Numpy,Pandas,Sklearn
By National institute of science and technology(autonomous),Berhampur

Redmine System Administrator .   Nov 2023 - Jan 2024
Configured project trackers, issue boards, and custom fields in Redmine to meet the specific needs of the organization
and project stakeholders.
Programming Languages:-Php
By Stockxbid Technologies Pvt.Ltd,Malleswaram,Bengaluru

WhatsApp Inventory Using Python.   Dec 2023 - May 2024
Created a user-friendly interface for interacting with the inventory system via WhatsApp, utilizing natural language
processing techniques for parsing user messages. implemented database schemas using Mysql and Mongodb to store
product information, inventory levels, and order details.
Programming Languages:-Python,Mongodb,Mysql
By Stockxbid Technologies Pvt.Ltd,Malleswaram,Bengaluru

Kubernetes Project Deployment.   Nov 2023 - Apr 2024
Led the deployment and management of B2B E-commerce project in a Kubernetes environment using Docker containers,
Programming Languages:-Docker,Kubernates,Linux,Centos
By Stockxbid Technologies Pvt.Ltd,Malleswaram,Bengaluru

EDUCATION

NATIONAL INSTITUTE OF SCIENCE AND TECHNOLOGY, Berhampur   2019-2023
Bachelor Of Technology In Computer Science and Engineering(CGPA-8.05)

ARIHANT JUNIOR COLLEGE, Berhampur   2017- 2019
CLASS XII SCINCE,ODISHA BOARD OF SECONDARY EDUCATION (percentage-64.00)

SARASWATI SISHU VIDYA MANDIR, Bhanjanagar   2015- 2017
CLASS X,ODISHA BOARD OF SECONDARY EDUCATION (percentage-69.00)

HOBBIES

- Playing Cricket, Badminton

- Cooking

- Listening to Music

LANGUAGES KNOWN

English, Hindi, Odia