Mukesh Kumar Sah (Software Engineer)

 $+91-9632432851 \mid mukeshsah1405@gmail.com \mid linkedin.com/in/mukesh0sah \mid github.com/mukesh0sah \mid \underline{Portfolio}$

EXPERIENCE

Software Engineer May 2023 – Present

msg global solutions

Bangalore, India

- Developed and maintained scalable backend services using Node.js, implementing **RESTful APIs** and real-time features with Express.js and Socket.IO
- Integrated various third-party services (e.g., payment gateways, cloud storage, authentication providers) to enhance application functionality.
- Developed and maintained numerous Bash scripts to automate daily DevOps operations, streamlining processes
 and improving efficiency.
- Built and managed CI/CD pipelines using Bitbucket Pipeline for testing, packaging, and deployment.
- Implemented Infrastructure as Code(IaC) using Terraform, automating provisioning and scaling, reducing provisioning time by 40%.
- Developed and maintained automation scripts to enhance build and deployment processes, cutting deployment time by 50%.
- Responsible for the regular deployment of applications, ensuring seamless updates and consistent availability across environments.
- Developed a tool to upgrade 250+ Hana instances in under 5 minutes, significantly reducing upgrade time from 4 hours, improving efficiency and system performance.
- Extended **Kubernetes** functionality using **Kyma** to manage and optimize **microservices architecture**, enhancing scalability and service orchestration.
- Deployed PaPM application across 20+ data centers on multiple cloud platforms including AWS, Azure,
 GCP, and Alibaba Cloud, ensuring scalability and high availability.
- Led incident resolution efforts, ensuring system reliability and availability, reducing incident resolution time by 35%.

EDUCATION

CMR Institute of Technology

Bangalore, India

Bachelor of Engineering in Information Science and Engineering

2019 - 2023

TECHNICAL SKILLS

- **DevOps Automation**: Shell scripting, CI/CD pipeline development.
- Infrastructure as Code (IaC): Terraform, Ansible
- CI/CD Tools: Jenkins, Bitbucket Pipeline
- Cloud Platforms: SAP BTP, Cloud Foundry, AWS, Azure
- Languages: Python, Java, SQL, JavaScript, TypeScript
- Frameworks: React, Node.js, SAPUI5, SAP Fiori
- Databases: SAP S/4 HANA, ChromaDB, Vector Databases, SQL Databases