KUNDAN PATIDAR

 Indore, MP | ✉ kundanpatidar4803@gmail.com | 📞 +91-6265041829

 LinkedIn: linkedin.com/in/kundan-patidar-42b436234 | 🖥 GitHub: github.com/k-patidar

D.O.B :04/08/2003

PROFILE SUMMARY

Computer Science undergraduate with hands-on experience in software engineering, DevOps automation, and web development. Skilled in Python, Java, React, Jenkins, Docker, and Terraform. Strong foundation in DSA, OOP, DBMS, and OS. Passionate about building scalable applications and optimizing cloud infrastructure. Seeking a Software Engineer role to apply technical and problem-solving skills in a collaborative environment.

EDUCATION

B.Tech in Computer Science | Sage University, Indore, MP
2021 – 2025 | CGPA: 7.2/10

TECHNICAL SKILLS

- Languages: Python, Java, C++
- Web: HTML, CSS, JavaScript, NodeJs, Bootstrap
- Tools: Git, VS Code, Linux, Jenkins, Docker, Terraform
- Databases: MySQL, SQLite
- Core Concepts: Data Structures, Algorithms, OOP, DBMS, OS

PROJECTS

- **Website**: Built a personal portfolio using HTML, CSS, Flask to showcase projects and resume.
- **Agriculture System with AI (Patent Completed)**: Developed a Python desktop app providing farmer services & fertilizer management. Integrated AI-based crop recommendation system, enhancing decision-making accuracy.
- **CI/CD Pipeline with Jenkins & Docker**: Automated build and deployment using Jenkins Declarative pipelines. Integrated SonarQube for code quality, Docker for containerization, and GitHub webhooks.
- **Infrastructure Automation Portfolio with Terraform**: Designed and deployed AWS infrastructure (EC2, S3, VPC) using reusable Terraform modules.
- **Kubernetes Monitoring with Prometheus & Grafana**: Deployed Prometheus and Grafana on Kubernetes clusters for real-time monitoring. Configured metrics collection, alerting rules, and interactive dashboards to improve system reliability and observability.
- **Three-Tier Architecture with Docker Compose**
  Implemented a three-tier architecture using Docker Compose comprising Nginx (Web), PHP (App), and MySQL (Database).
   Containerized each service using Dockerfiles and managed them with docker-compose.yml.
   Configured Nginx to serve static frontend content and PHP backend for dynamic operations.
   Integrated MySQL for persistent data storage and automated initialization using init.sql.
   Improved modular deployment and streamlined local development workflows.
- **End-to-End Deployment of a Three-Tier Application on AWS EKS (Mega Project)**
  Automated deployment pipeline for a three-tier application using a GitOps approach.
   Provisioned AWS infrastructure (EKS, VPCs, subnets, security groups) with Terraform.
   Implemented Jenkins pipeline to build Docker images, push to registry, and trigger ArgoCD sync.
   Leveraged ArgoCD for continuous delivery and GitOps-based state synchronization.
   Deployed Prometheus and Grafana for real-time monitoring and alerting via email.
   Achieved 99.9% deployment success rate, 90% reduction in manual effort, and improved scalability.

INTERNSHIPS / WORK EXPERIENCE

- **Search Engine Optimization Intern – Socialbull, (Bhowerkuwan,Indore)**
  Worked on website optimization, keyword research, and content strategy to improve ranking and visibility.
- **IT Technical Support Intern – Jio (Remote Rajwada ,Indore)**
  Provided technical support, troubleshooting, and system maintenance for Advisers IT infrastructure.
- **DevOps Intern – Codenera (Bane, Pune)**
  Assisted in CI/CD pipeline setup, Docker containerization, and deployment automation in DevOps projects.

CERTIFICATIONS

- Python for Everybody – Coursera (2024)
- Web Development Bootcamp – Udemy (2024)
- Git and GitHub – Great Learning (2024)
- Docker & Kubernetes for CI/CD – Udemy (2025)

EXTRACURRICULAR ACTIVITIES

- Active Member, Coding Club – Sage University Indore
- Participated in multiple Hackathons & Technical Fests (Jan 2024)

I hereby declare that the information provided above is true to the best of my knowledge.

Place:
Date: Kundan Patidar