AJAY BAKOLIYA

av7730748@gmail.com
www.linkedin.com/in/ajay-bakoliya
https://github.com/Ajay-016

EDUATION

JECRC FOUNDATION

B.TECH IN COMPUTER SCIENCE ENGINEERING AND SPECIALIZATION (ARTIFICIAL INTELLIGENCE)

2022 – 2026 | Jaipur , India

GPA : 8.9 / 10.0

NBF SCHOOL

12th – 81 % | Jaipur , India
10th – 92.8% | Jaipur , India

COURSEWORK

UNDERGRADUATE
- Cloud Computing
- Continuous Integration and Continuous Deployment(CI/CD)
- Version Control System
- Containerization and Orchestration
- Infrastructure as code(IaC)
- Networking and Security
- Linux Administration
- Scripting and Automation

CERTIFICATIONS

Smart India Hackathon – 2023
InternPe – AI/ML June-July (2024)
NTPC Internship   July-Aug (2024)

SKILLS

PROGRAMMING
- C++
- SQL
- Proficient in AWS,Azure and GCP
- Experienced with Jenkins
- Skilled in using GitHub
- Competent with Docker and Kubernetes
- Familiar with Terraform
- Ansible
- Strong skills in Python and Bash
- Linux/Unix Administration
- Networking and Security
- Slack

EXPERIENCE

SIH23, Jaipur, INDIA

Jan 2024

- Managed all the work related to research, problem solving and content writing .
- Coordinated interactions and networking with all the mentors.
- Developed and implemented a strategic plan that led to the establishment of problem solving.

May 2023

- Working as a core team member in one of the best techno-cultural fest of Rajasthan .
- Coordinated interactions and networking with one of the most top institutes in india.

PROJECTS

1. Automated Deployment Pipeline for Microservices and Architecture
- Overview : Developed and automated CI/CD for a microservice-based application to streamline deployment and reduce downtime.
- Technologies : Docker , Kubernetes , Jenkins , Terraform , AWS , GitHub Actions
- Impact : The implementation of the automated pipeline decreased deployment times by 70% and enhanced the team's ability to release new features rapidly , contributing to a 30% increase in customer satisfaction.

2. Automated Backup and Recovery System for Web Application
- Overview : Developed an automated backup and recovery solution for a web application to ensure data integrity and minimize downtime in case of failures
- Technologies : Bash , *AWS S3 ,* Cron Jobs , Git
- Impact : The implementation of the backup system reduced the risk of data loss and ensured the application could be quickly restored in the event of a failure , enhancing overall system reliability.

ACADEMIC ACHIEVEMENTS

- Ardent learner on LinkedIn.
- Proficient in DSA , OOP's concepts.
- Ronin Badge in Arrays on CodingNinjas.

SOFT SKILLS

- Proficient in conveying complex ideas in a clear and concise manner
- Exceptional verbal and written communication skills
- Strong decision-making skills with the ability to inspire and motivate others

LANGUAGES

- ENGLISH
- HINDI