

# AJAY BAKOLIYA

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<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

12<sup>th</sup> – 81% | Jaipur, India

10<sup>th</sup> – 92.8% | Jaipur, India

## 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 2022 - Present

• 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.

- Manager of the social media platforms for the collaboration.

## 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

## PROJECTS

- 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.
- 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