

# KUNAL YADAV

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## EDUCATION

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### **Sinhgad institute of management and computer application**

*Master of Computer Application*

Relevant Coursework : DevOps and Cloud Computing, Web Development Bootcamp

Pune, India

*June, 2025*

### **Shivaji University , kolhapur**

*Bachelor's in Computer Application*

Karad, India

*May 2023*

## TECHNICAL SKILLS

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**Cloud Technologies:** AWS (EC2, IAM, VPC, Subnets, IGW, NAT Gateway, Auto Scaling, S3, Route Tables)

**Linux:** User and group management, file permissions, crontab, shell scripting

**DevOps Tools:** Git, Docker, GitHub Actions, Postman

**Cloud & Hosting:** AWS, GitHub Pages

**Languages:** Python, JavaScript, SQL, Machine

Learning, DSA

**Operating Systems:** Amazon Linux, Ubuntu

## PROJECTS

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### **3-Tier Web Application Deployment on AWS**

- Designed a secure VPC with public and private subnets for a 3-tier web application architecture
- Set up Internet Gateway and NAT Gateway to manage public and private access
- Implemented IAM roles, security groups, and route tables for access and traffic control
- Managed Linux server access and permissions using useradd, groupmod, chmod, and chown
- Hosted web and app layers on EC2, with private subnet hosting for database layer

### **Linux User Management and Automation**

- Automated user and group creation with shell scripts
- Scheduled tasks with cron and configured SSH key-based login
- Applied proper file and directory permissions using chmod and chown for security
- Gained hands-on experience with DevOps principles and automation.

## ADDITIONAL INFO

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- Strong interest in cloud infrastructure, Linux administration, and DevOps pipelines
- Open to AWS Cloud Engineer, DevOps, and Linux SysAdmin roles
- Actively improving hands-on skills with EC2, IAM, Auto Scaling, and shell scripting