



Chirag Punyani

Server Administrator | Linux Administrator | Cloud Engineer

Skilled in Server Administration, Linux Administration, and Cloud Engineer, capable of delivering polished user interfaces alongside robust network and server management solutions.

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EDUCATION

MCA

Vmv collage, wardhaman nagar, Nagpur

2022-2024,

BCA

Vmv collage, wardhaman nagar, Nagpur

2019-2022,

HSC

Vmv collage, wardhaman nagar, Nagpur

2019,

SSC

Adarsh Vidya Mandir, Nagpur

2017,

PROJECTS

E-Commerce Application with Load Balancing, NFS, and MySQL Replication

GitHub: [CS-Cart-Setup-with-Load-Balancing-MySQL-and-NFS](#)

- Deployed a scalable e-commerce application using **AWS EC2**, **MySQL**, and **NFS**.
- Configured **AWS Load Balancer** for traffic distribution and high availability.
- Implemented **MySQL Master-Slave Replication** for enhanced database performance and reliability.
- Used **Docker** for containerized deployment and **NFS** for shared storage between servers.

Tools: AWS (EC2), Docker, MySQL (Master-Slave Replication), NFS

Three-Tier Expense Management Application

GitHub: [Three-Tier-Expense-Management-Application](#)

- Developed and deployed a **three-tier architecture** for an expense management application.

- Designed the architecture with **frontend**, **backend**, and **database tiers** for modular scalability.
- Implemented **MySQL** for data storage and **Nginx** as a reverse proxy for the backend.
- Deployed the application on **AWS EC2 instances** with load balancing for high availability.

Tools: AWS (EC2, Load Balancer), MySQL, Nginx, Docker

Super Mario Game Deployment on AWS EKS

GitHub: [Deploy-Super-Mario-Game-on-AWS-EKS](#)

- Deployed a **Super Mario Game** on **AWS Elastic Kubernetes Service (EKS)** for scalability and resilience.
- Configured **Kubernetes Load Balancer** for efficient traffic management.
- Used **Docker** for containerizing the application and **AWS CLI** for cluster setup.
- Automated deployment using **kubectl** and **eksctl**.

Tools: AWS (EKS, Load Balancer), Docker, Kubernetes, eksctl, kubectl

Full-Stack Chat Application Deployment on Minikube

GitHub: [Full-Stack-Chat-Application-on-Minikube](#)

- Deployed a containerized full-stack chat application on **Minikube** using **Kubernetes**.
- Configured **Kubernetes deployments** for application tiers and managed networking between them.
- Implemented **Docker** for creating and managing isolated containers for backend, frontend, and database.
- Set up **Kubernetes Load Balancer** to distribute traffic and ensure high availability.
- Optimized application performance by managing resources in the **Kubernetes cluster**.

Tools: Kubernetes, Minikube, Docker, MySQL

SKILLS

Operating Systems: Linux (Ubuntu, CentOS), Windows

User and Group Management: Account creation, permission management

File System Management: Disk space, LVM configuration

System Monitoring Tools: Zabbix

Network Configuration: Interface setup, troubleshooting (ping, netstat, traceroute)

Package Management: apt, yum, dnf

Shell Scripting: Basic scripts, writing and debugging

Security Management: SSH configuration

Web Server Administration: Apache, Nginx

Database Management: MySQL/MariaDB

Virtualization: VMware, virtual machines

Networking (CCNA), (CEH)

Software Applications: Visual Studio Code, NetBeans, XAMPP Server, Notepad++, PyCharm IDE, Eclipse

Programming Languages: Python, Java, HTML, CSS, JavaScript, Bootstrap

Version Control: Git, GitHub

Cloud Services: AWS (EC2, S3, IAM, EBS, ELB, Route53)

Office Software: Proficient in Microsoft Office Suite

Containerization: Docker (image creation, container orchestration)

Orchestration: Kubernetes (pods, services, deployments, scaling)

WORK EXPERIENCE

Linux Administration

1 year experience working as Linux System Operator at **PrabhuKripa Autoparts Pvt. Ltd.**

March 2022- April 2023

- Managed Linux servers, including installation, configuration, and maintenance.
- Administered user accounts and permissions.
- Monitored system performance with Zabbix.

Full stack Internship

6 months Internship as a Full stack Developer at **Cluster Computing**, Nagpur

October 2023- April 2024

- Developed and maintained user interfaces for web applications.
- Implemented responsive design using HTML, CSS, and JavaScript.
- Collaborated with the team to enhance user experience and application performance.

Web Development Intern

3 months Internship as a Web Developer at **GAO Tek Inc.**

June 2024 - September 2024

- Worked on WordPress-based web development projects, focusing on:
 - Website customization
 - Content management
 - Plugin integration
- Gained expertise in **web hosting, domain management**, and professional website design.

Server Administrator

Working as a Server Admin in **Salasar Ecommerce Total Solution**

September 2024- Present

- Managing Linux servers and cloud infrastructure using AWS services (EC2, S3, IAM).
- Configuring and monitoring web servers (Apache, Nginx) for high traffic e-commerce applications.
- Deploying and managing containerized applications using Docker and Kubernetes.

STRENGTHS

- Quick learner
- Responsible
- Multitasking
- Positive attitude
- Self motivated
- Punctuality

Hobbies

- Cricket
- Travelling
- Chess
- Hacking
- Guitar

PERSONAL DETAILS

Full name: Chirag Mahesh Punyani
Father's name: Mr. Mahesh Thakurdas Punyani
Date of birth: 24thDecember2001
Blood group: O⁺ve
Marital status: Unmarried
Nationality/Religion: Indian/Hindu Punjabi

Language known: English, Hindi, Marathi, Punjabi

Address: Flat no 302, Mauli Apartment 2
Shree Krishna Nagar, Nagpur

DECLARATION

I hereby declare that the information provided in this resume is true to the best of my knowledge and belief.