

# Mihir Savla

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🔗 <https://mihirsavla.com>

## Professional summary

**Systems Engineer** with 3+ years of experience managing large-scale Linux environments, optimizing uptime, and automating infrastructure operations. Skilled in designing resilient **Nginx and MySQL setups**, hardware/software RAID using **RAID controllers**, and full-stack performance tuning (kernel, networking, filesystem). Adept at debugging PHP-based applications, implementing proactive monitoring with **Grafana/Prometheus**, and building automation workflows with **Bash and Ansible**. Passionate about open-source technologies, operational excellence, and improving developer productivity across distributed environments.

## Education

### Bachelors of Science - B.sc Information Technology

Jai hind college  
Grade: 7.5 CGPI

## Projects

### 1. Monitoring Stack (Grafana + Prometheus) 🔗

- Installed and configured Prometheus to collect system metrics.
- Created **Grafana dashboards** 🔗 for CPU, memory, and Apache monitoring with alerts.

### 2. Portfolio Website Deployment

- Designed and deployed **portfolio website (mihirsavla.com)** 🔗 on VPS.
- Automated SSL renewals and DNS configuration.

### 3. Automation with Bash & Ansible 🔗

- Wrote Bash scripts for **disk usage monitoring + automated email alerts**.
- Built an **Ansible playbook** 🔗 to automate Apache (httpd) service management on WHM VPS.

## Certificates

CWSA-1 (System Administrator I) 🔗

CWSA-2(System Administrator II) 🔗

Oracle Cloud Infrastructure 2025 Foundations Associate (1Z0-1085-25)

## Professional Experience

### System Engineer

Redswitches 🔗

09/2025 – Present

- Managed **200+ Linux servers** (RHEL, Ubuntu, AlmaLinux) across multiple global data centers, achieving **99.9% uptime**.
- Designed and maintained **hardware/software RAID arrays** via RAID controllers to ensure fault tolerance and data integrity.
- Configured and tuned **Nginx reverse proxies and load balancers** for high-traffic workloads, improving request handling efficiency.
- Automated patch management and monitoring workflows using **Ansible and Bash**, reducing manual effort by 40%.
- Led **root cause analysis (RCA)** on system outages and implemented preventive measures.
- Integrated **Grafana + Prometheus** dashboards for observability and capacity planning.
- Partnered with DevOps teams to streamline deployments and CI/CD pipelines (Jenkins, GitHub Actions).

### Product Support Associate

Newfold digital

05/2023 – 08/2025

- Supported enterprise VPS environments (WHM/cPanel), troubleshooting PHP, Apache, MySQL, DNS, SSL, and email delivery issues.
- Tuned **MySQL and Apache** configurations to resolve performance bottlenecks.
- Hardened Linux servers via **CSF, iptables**, and proactive patching.
- Assisted in automated backup and recovery processes ensuring zero data loss across VPS clusters.

## Skills

**Networking & OS:** TCP/IP, firewalls, systemd, kernel tuning, memory management

**Infrastructure & Web Services:** Linux (RHEL, Ubuntu, AlmaLinux), Nginx, Apache, MySQL/MariaDB, PHP, DNS, SSL/TLS, RAID

**Automation & CI/CD:** Ansible, Bash, Python scripting, GitHub Actions, Jenkins

**Monitoring & Observability:** Grafana, Prometheus, datadog, splunk