Shivang

DevOps-focused backend engineer with hands-on experience in containerization, CI/CD automation, Linux server management, and IoT infrastructure. Experienced in deploying secure, scalable systems using Docker, APIs, and cloud-native practices. Interested in DevOps, automation, and distributed systems.

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EXPERIENCE

AVRIO ENERGY PVT. LTD. | DevOps & Backend Engineering Intern
Jun 2025 – Jul 2025 | Gurugram

→ Dockerized and deployed IoT services (MQTT, Redis, PostgreSQL, Django) using Docker Compose.
→ Built secure REST APIs with JWT authentication and RBAC for device and asset onboarding.
→ Implemented CI/CD pipelines and staging deployments with NGINX, HTTPS, and health checks.

PARENTHOST | Founder & Platform Engineer
Jan 2024 – Dec 2024 | Remote (Part-Time)

→ Founded and operated a web hosting and automation platform.
→ Managed Linux servers, VPS provisioning, and virtualization using KVM-based infrastructure.
→ Delivered hosting, licensing, and managed server solutions with focus on reliability and automation.

PROJECTS

NODE MONITORING DASHBOARD — REDBELLY NETWORK | JavaScript, Shell, Prometheus, Grafana

→ GitHub: redbelly-monitor
→ Built a Prometheus + Grafana monitoring dashboard for real-time node observability.
→ Automated telemetry ingestion using JavaScript and shell scripts.

IOT INFRASTRUCTURE AUTOMATION PLATFORM | Docker, CI/CD, MQTT, Linux

→ Dockerized and deployed IoT backend services including MQTT, Redis, and APIs.
→ Implemented secure authentication and automated staging deployments.

SOCIALIQ | HTML, JavaScript, APIs

→ GitHub: SOCIALiQ
→ Built a social media analytics dashboard with live API integrations.

ACHIEVEMENTS

→ Founder of ParentHost, a hosting and infrastructure automation platform.
→ Built, deployed, and maintained production-grade backend and DevOps systems on live Linux servers.

SKILLS

LANGUAGES
Java • Python • Bash • SQL

SOFTWARE/TOOLS
Docker • Docker Compose • GitHub Actions • NGINX Grafana • Prometheus • Git • Linux

PLATFORMS
Proxmox • Virtualizor • cPanel

OPERATING SYSTEMS
Linux (Ubuntu) • Windows

EDUCATION

BML MUNJAL UNIVERSITY
B.Tech in Computer Science & Engineering
Aug 2023 – Present | Gurugram
CGPA: 7.6 / 10

HAPPY EVERGREEN SR. SEC. SCHOOL
CBSE Class XII
2021 – 2022 | Mahendragarh
Percentage: 86%

INTEREST/HOBBIES

→ DevOps & Infrastructure Automation
→ Virtualization & Cloud Systems
→ Blockchain & Web3 Technologies
→ Open-Source Contribution

LANGUAGES

→ English
→ Hindi