

Dharmendra Kumar Yadav

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PROFESSIONAL SUMMARY

Software Developer experienced in Python, Django, PHP, Laravel, MySQL, and React, building and maintaining production applications and enterprise systems. Hands-on experience with VPS hosting, Linux servers, deployment, and production support. Currently transitioning into DevOps with practical skills in Docker, Terraform, Azure, Nginx, Git/GitHub, and CI/CD pipelines. Certified in IBM Cybersecurity and Google Cloud AI. Seeking a Junior DevOps Engineer role to combine development expertise with cloud, automation, and infrastructure operations.

TECHNICAL SKILLS

DevOps & Cloud: Linux, Docker, Terraform, CI/CD, GitHub Actions, Azure Pipelines, Microsoft Azure (Virtual Machines, App Services, Storage Accounts, Azure DevOps, Azure Monitor), Nginx

Cloud & Hosting: Microsoft Azure, VPS Hosting, Shared Hosting, Hostinger, cPanel, Windows Server, SSL/TLS Configuration

Languages: Python, JAVA, JavaScript, SQL, Bash Scripting

Frameworks: Django, Laravel, React, REST APIs, Bootstrap, Tailwind CSS, IAM Fundamentals, Agile Methodology, SDLC

Databases: MySQL, SQLite, MongoDB, SQL Optimization, DBMS

Backend & Design: OOP, MVC Architecture, System Design, RBAC, OAuth 2.0, JWT Authentication, API Integration

Tools & Workflow: Git, GitHub, Git Workflow, Postman, VS Code, Agile Methodology

WORK EXPERIENCE

Software Developer | Sipher Web Pvt. Ltd.

Jan 2026 – Present

Lucknow, UP · Python · Django · MySQL · React · REST APIs

- Develop and deploy production-grade full-stack web and SaaS applications following MVC architecture, OOP, and REST API design principles.
- Automate deployment of Django applications to Linux servers using Bash scripts and GitHub Actions CI/CD pipelines — reducing release time by 60%.
- Design and version RESTful APIs with structured request/response handling and third-party service integrations.
- Manage source code, branching strategy, and deployments using Git/GitHub; collaborate cross-functionally in an Agile environment.
- Write and maintain Docker file and docker-compose files for containerized dev and staging environments ensuring environment consistency.

Web Developer | NDMEAA Technology

Feb 2025 – Dec 2025

Lucknow, UP · PHP (Laravel) · MySQL · JavaScript · React

- Built and maintained full-stack applications for e-commerce, applying DBMS best practices and query optimization.
- Enhanced Aaps World — e-commerce platform — by refactoring SQL queries and optimizing admin/user module performance, reducing average page load time.
- Delivered Adgon (adgon.in) from design to production deployment: product filters, mobile-responsive UI in Tailwind CSS.
- Managed CI/CD-adjacent workflows via Git branching, code reviews, and staged deployments across development and production environments.

PROJECTS

Linux Server Deployment & Terraform IaC — DevOps Training

Jan – Mar 2026

Linux · Ubuntu · Nginx · Bash · Terraform · Azure · Docker · GitHub Actions · CI/CD

- Deployed and managed multiple web applications on Ubuntu Linux using Nginx as web server and reverse proxy — practising real-world clean deploy, rollback, and redeploy workflows
- Provisioned Azure infrastructure using Terraform (.tf files) — Resource Groups, variables, outputs, and state management following Infrastructure as Code principles
- Built basic GitHub Actions CI/CD pipeline for automated build and deployment triggering on git push

Exam Prep — Multi-Tenant EdTech SaaS Platform

Jan – Mar 2025

Python · Django · MySQL · REST APIs · Laravel · OAuth 2.0 · Queue Jobs · RBAC

- Architected a multi-tenant SaaS backend with fully isolated data per tenant, tiered subscription plans, and configurable resource limits — demonstrating cloud-ready system design principles.
- Implemented enterprise-grade authentication: multi-step OTP, OAuth 2.0 (Socialite), magic-link login, and RBAC for Super Admin / Admin / Student roles.
- Built async background job processing with Laravel Queue; reduced manual data entry ~80% via a CSV/Excel bulk import engine with multi-level validation.

Aaps World — E-Commerce Analytics Platform

Jul – Sep 2025

Python · Django · Laravel · MySQL · JavaScript · AJAX · Bootstrap

- ▶ Engineered a data-driven reporting module producing real-time product performance, sales trend, and user engagement dashboards using Django ORM and optimized SQL.
- ▶ Implemented Refer-and-Earn system; optimised database query execution plans and checkout pipeline — improving page speed and conversion rate.
- ▶ Deployed on cPanel production server with Nginx reverse proxy and MySQL tuning — hands-on exposure to web server infrastructure and deployment automation.

ACHIEVEMENTS

- ▶ Outstanding Award, Sipher Web Pvt. Ltd.: Recognised for early delivery of a production-grade client-facing analytics dashboard.
- ▶ Independently delivered and deployed Adgon, live production e-commerce application, development to server deployment.
- ▶ Built a multi-tenant SaaS backend serving multiple enterprise coaching-center clients, demonstrating scalable system design and backend depth.

CERTIFICATIONS & TRAINING

- ▶ DevOps — Azure, AWS, GCP — DevOps Insiders 2025 – Present
- ▶ Introduction to Cybersecurity Tools & Cyber Attacks — IBM · Coursera Jul 2024
- ▶ Introduction to Generative AI — Google Cloud Mar 2024
- ▶ Cybersecurity Analyst Job Simulation — IAM, Strategy & Platform Integration — Tata Group · Forage Feb 2024
- ▶ Java Software Developer — ICT Academy Feb 2023

EDUCATION

B.Tech. in Computer Science | Dr. A.P.J. Abdul Kalam Technical University

2021 – 2025

Lucknow, Uttar Pradesh

Intermediate — Science | UP Board

2021

Lucknow, Uttar Pradesh