

# DIWAKAR JHA

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[GitHub: github.com/diwakarjha554](https://github.com/diwakarjha554)

[Portfolio: diwakarjha.vercel.app](https://diwakarjha.vercel.app)

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## PROFESSIONAL SUMMARY

Python-focused Full-Stack Consultant with **3+ years of experience** designing, building, and deploying **scalable backend systems and cloud-native applications**. Strong expertise in **Django, Flask, RESTful APIs, Microservices Architecture, and AWS deployments**. Proven ability to lead teams, collaborate with stakeholders, and deliver business-critical systems with high availability, security, and performance in **Agile/Scrum environments**.

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## CORE SKILLS

**Languages:** Python, JavaScript, TypeScript, C++

**Backend & APIs:** Django, Flask, REST API Design, Microservices Architecture

**Python Core:** OOP, Clean Code, Refactoring, Exception Handling, Data Structures, Async Request Handling

**Databases:** PostgreSQL, MySQL, MongoDB

**Cloud & DevOps:** AWS EC2, Docker, GitHub Actions (CI/CD), Nginx, Linux

**Security:** JWT Authentication, Role-Based Access Control

**Testing:** PyTest, Postman

**Frontend (Good to Have):** React.js, Next.js, Tailwind CSS

**Ways of Working:** Agile / Scrum, Sprint Planning, Estimation, Retrospectives

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## PROFESSIONAL EXPERIENCE

### Kamna Techno Private Limited

Senior Full-Stack Developer | Jul 2025 – Present

- Led architecture and development of **Bhartiyam Mart**, a quick-commerce platform serving **10K+ daily users**, covering backend services, POS, customer apps, and admin panels.
- Designed **cloud-native architecture on AWS** using Docker and CI/CD pipelines, ensuring **99.9% uptime** and scalable deployments.
- Took ownership of **technical decision-making**, evaluating performance, scalability, and security trade-offs.
- Mentored developers and coordinated with cross-functional teams to deliver order, delivery, and inventory workflows on time.
- Monitored production systems, analyzed logs, and resolved performance bottlenecks with minimal handholding.

**Tech Stack:** Next.js, Node.js, TypeScript, AWS, Docker

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# Travel Trail Holidays – New Delhi, India

Full-Stack Developer | Mar 2023 – Jul 2025

- Delivered an end-to-end **travel booking and CRM platform**, increasing customer engagement by **40%**.
- Built and maintained **100+ RESTful APIs** using **Django**, supporting bookings, leads, packages, and role-based workflows.
- Migrated selected modules to **Flask-based microservices**, improving response time by **25%** on high-traffic endpoints.
- Implemented **JWT-based authentication and RBAC**, reducing unauthorized access by **90%**.
- Designed relational schemas in **PostgreSQL/MySQL**, optimized queries, and ensured transactional consistency.
- Containerized applications with **Docker** and deployed on **AWS EC2** with automated **CI/CD pipelines**.
- Actively worked in **Agile/Scrum** teams, participating in sprint planning, estimations, reviews, and retrospectives.

**Tech Stack:** Python, Django, Flask, PostgreSQL, Docker, AWS, GitHub Actions

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## PROJECTS

### Advanced Beauty – Freelance

<https://www.advancedbeauty.in/>

- Built a production-ready web application using **Next.js, Nest.js, and MongoDB**.
  - Designed scalable REST APIs following clean architecture principles.
  - Integrated secure authentication using **NextAuth** and role-based access.
  - Deployed using **Vercel** with CI workflows for rapid iterations.
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## EDUCATION

### B.Tech – Computer Science & Engineering

IIMT Engineering College, Meerut

CGPA: **7.23 / 10**