

USMAN ARIF

Full-Stack Software Engineer | Backend & DevOps Specialist

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PROFESSIONAL SUMMARY

Full-Stack Software Engineer with 2+ years of professional experience building production-grade web platforms, REST APIs, and distributed microservices using Python and JavaScript ecosystems. Proven track record delivering B2B marketplaces, SaaS school management platforms, POS systems, and e-commerce solutions — from architecture through cloud deployment. Experienced with Docker-based workflows, AWS cloud infrastructure, CI/CD pipelines, Nginx reverse proxying, and RabbitMQ-driven service communication. Actively expanding into DevOps engineering with hands-on practice in Kubernetes, Terraform, and GitOps workflows. Strong instinct for clean architecture, system reliability, and developer-friendly codebases.

TECHNICAL SKILLS

Languages: JavaScript (ES2022+), Python, HTML5, CSS3, Bash

Backend: Node.js, NestJS, Express.js, Django, FastAPI, Django REST Framework

Frontend: React.js, Tailwind CSS, Bootstrap, Jinja Templates, Electron.js

Databases: PostgreSQL, MongoDB, SQLite, CouchDB / PouchDB

DevOps & Cloud: Docker, Docker Compose, AWS (EC2, S3, RDS, IAM, VPC), Nginx, Linux, CI/CD

Messaging: RabbitMQ (pub/sub, work queues, service-to-service communication)

Infrastructure: Hostinger VPS, Kubernetes (learning), Terraform (learning), GitLab CI, GitHub Actions

Architecture: Microservices, REST APIs, Multi-tenant SaaS, Service-Oriented Architecture

Tools & Workflow: Git, GitHub, GitLab, Postman, VS Code, Docker Hub, Linux CLI

WORK EXPERIENCE

Full-Stack Software Engineer · DoonKhav Pvt Ltd

Dec 2025 – Present

Kotli, AJK, Pakistan

- Architecting and developing a service-oriented marketplace that unifies POS terminals, online ordering, and last-mile delivery into a single operational platform used by merchants, customers, and riders.
- Designing microservices-based backend using NestJS/Node.js and Django, with RabbitMQ handling asynchronous inter-service communication across order, payment, and delivery domains.
- Implementing order lifecycle management — from cart creation through delivery confirmation — including role-specific dashboards for merchants, riders, and platform admins.
- Building and maintaining RESTful APIs consumed by both web frontend (React) and mobile applications, ensuring backward-compatible versioning and comprehensive Postman documentation.
- Deploying services using Docker Compose on Linux VPS, with Nginx as reverse proxy and SSL termination; applying CI/CD practices with GitLab pipelines for automated builds and deployments.

Full-Stack Web Developer · NetZing Technologies

Dec 2024 – Dec 2025

Kotli, AJK, Pakistan

- Delivered production web applications and backend systems using Django, FastAPI, and Node.js for multiple client projects across e-commerce, SaaS, and business workflow domains.
- Built and maintained the Nuxused SaaS School Management Platform — a multi-tenant system supporting independent school onboarding with module-based subscriptions and role-based access (admin, teacher, staff).
- Designed microservices architecture for the platform with isolated service boundaries, inter-service RabbitMQ messaging, and AWS-backed deployment (EC2, S3, RDS) focused on data security and scalability.
- Integrated React frontends with backend APIs across multiple projects; optimised API response times and database query performance through indexing and caching strategies.
- Maintained Docker-based development and deployment workflows with Git branching strategy, code reviews, and GitLab CI pipelines for continuous integration.

Junior Web Developer · Logicxer Pvt Ltd

Jan 2024 – Nov 2024

Kotli, AJK, Pakistan

- Developed and maintained full-stack web applications using Django, Flask, and Node.js for client projects, contributing to an e-commerce platform with optimised database handling and responsive UI.
- Designed and integrated RESTful APIs enabling dynamic frontend–backend communication; collaborated in Agile sprints to deliver features, resolve bugs, and improve application performance.

- Improved UI/UX across multiple projects using HTML, CSS, JavaScript, and Bootstrap; gained strong fundamentals in writing clean, maintainable, scalable code in a team environment.

Web Development Intern · Logicxer Pvt Ltd

Sep 2023 – Jan 2024

Kotli, AJK, Pakistan

- Assisted in building web applications using Django and Node.js; applied REST API integration between frontend and backend components under senior developer guidance.
- Built responsive UI components, fixed live production bugs, and gained hands-on experience with team-based Git workflows and code review processes.

KEY PROJECTS

Khaliseat.pk — Online Ticketing & Seat Booking Platform — khaliseat.pk

Stack: Django, Python, PostgreSQL, Nginx, VPS Deployment

- Built a monolithic seat booking and ticketing web platform using Django, handling event management, seat selection, booking workflows, and payment integration end to end.
- Designed and implemented the full backend — models, views, APIs, and admin panel — with PostgreSQL as the primary database and Nginx for production serving on Linux VPS.
- Collaborated with a colleague who developed the companion mobile application, maintaining API contracts and coordinating on shared data models and authentication flows.

BarqiBazar — Service-Oriented Marketplace

Stack: Microservices, NestJS, Django, Docker, RabbitMQ, React, Mobile Apps

- Built a multi-role commerce ecosystem connecting merchants, customers, and delivery riders — integrating POS systems with online ordering and delivery workflows into a unified platform.
- Implemented order lifecycle management, service-oriented backend logic, and multi-role access control supporting platform coordination across independently deployable services.

Nuxused — Multi-Tenant SaaS School Management Platform

Stack: Microservices, Django, FastAPI, AWS, JavaScript, RabbitMQ, Docker

- Built a cloud-hosted SaaS platform enabling independent school onboarding with module-based subscriptions; implemented role-based access for admins, teachers, and staff across academic and administrative workflows.
- Deployed on AWS (EC2, S3, RDS) with a focus on multi-tenancy, data isolation, reliability, and secure handling of student and institutional data.

Efgafro Market — Enterprise B2B Marketplace

Stack: Microservices, NestJS, JavaScript, Modern Frontend

- Contributed to a B2B marketplace platform built on microservices architecture; supported backend service development, API implementation, and frontend integration for vendor management and product operations.

Smart Trip Manager — Travel Planning Platform (Final Year Project)

Stack: Django, DRF, React.js, SQLite, Google Maps API

- Built a centralised travel management platform with booking logic, cost estimation, route planning, and Google Maps integration; delivered with full documentation and Agile-style execution.

Fast Food POS System — Desktop Application

Stack: Django, Jinja Templates, JavaScript, Electron.js

- Developed a monolithic POS system for restaurant operations (cart ordering, order holds, revenue tracking, admin controls) and converted it to a cross-platform desktop application using Electron.js.

EDUCATION

B.Sc. in Software Engineering — University of Kotli, AJK

2021 – 2025

F.Sc. — Intermediate of Computer Science — FIIMS, Nakyal, District Kotli, AJK

2019 – 2021

CERTIFICATIONS & CONTINUOUS LEARNING

- Full-Stack Web Development Bootcamp — XactMind Institute, Kotli AJK.
- AWS Cloud Fundamentals — self-directed study with hands-on project deployment (EC2, S3, RDS, IAM, VPC).
- React.js, Node.js, Git & GitHub — Chai aur Code structured learning path (50+ hours).
- HTML, CSS & JavaScript Fundamentals — CodeWithHarry structured curriculum.
- Kubernetes & Terraform — actively learning via KodeKloud and HashiCorp Learn (in progress).