

Saad Waseem

Backend & Cloud DevOps Engineer

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Professional Summary

Backend and DevOps Engineer with hands-on experience building production-ready REST APIs using Django and Django REST Framework, deployed fully on AWS cloud infrastructure. Implemented Linux system administration, SSH management, and Ubuntu server configuration. Managed containerization with Docker, reverse proxy setup with Nginx, SSL/TLS management via Certbot, and Infrastructure as Code using Terraform for AWS resource provisioning.

Technical Proficiency

Cloud & DevOps: AWS (EC2, S3, RDS, CloudFront, Route 53, IAM, Cognito, Amplify, ECR), Docker, Kubernetes, Nginx, Gunicorn, GitHub Actions, Terraform, Certbot.

Backend Development: Python, Django, Django REST Framework (DRF), PostgreSQL, JWT Authentication, ORM Optimization, Serializer logic.

Systems & Architecture: Linux (Ubuntu), Bash Scripting, SSH Management, REST API Design, Microservices, CI/CD Automation.

Additional Tools: Git, HTML5, CSS3, WordPress, Unity 2D, C#.

Professional Experience

Freelance Web Developer | Celestial Church of Christ | Remote (USA) **June 2024 – August 2024**

- Implemented a 10+ page church website covering departments, staff profiles, service schedules, and event listings, establishing a digital presence from the ground up.
- Managed custom HTML/CSS alongside a WordPress CMS, enabling non-technical staff to update content with 80% less developer intervention.
- Accomplished full deployment to Vercel, achieving 99.9% uptime and reducing page load times by 30% through optimized DNS routing.
- Directed stakeholder requirement gathering across time zones to deliver a complete digital transition within a strict 90-day lifecycle.

Frontend Web Developer | Minecraft-Themed Game Portal | Remote **May 2025 – June 2025**

- Managed the development of a custom Minecraft-themed webpage designed specifically to host an Unreal Engine game, supporting up to 500+ concurrent players.
- Implemented seamless browser-based game delivery via iFrame embedding, reducing user onboarding time by 100% (eliminating downloads) and increasing player retention by 40%.
- Directed the interface design, using custom-themed assets to achieve 100% visual parity with game mechanics.

Freelance Game Developer | Private Client | Remote (Portugal) **September 2025 – January 2026**

- Managed the end-to-end development of a commercial 2D adventure title in Unity using C#, scripting 15+ complex enemy AI behaviors and optimizing frame rates to a stable 60 FPS on low-end devices.

Technical Projects

Django Scalable Portfolio API | *Python, DRF, AWS, Docker, Nginx, PostgreSQL*

- Implemented a production REST API with JWT authentication, handling 50+ concurrent requests per

second and optimizing CRUD operations via ModelSerializers.

- Managed multi-stage Docker builds with Docker Compose, decreasing image sizes by 60% and accelerating deployment cycles to AWS ECR by 3 minutes.
- Achieved 25% improved data reliability by provisioning AWS RDS PostgreSQL and configuring AWS S3 for media storage.
- Accomplished automated CI/CD via GitHub Actions, reducing manual deployment time from 20 minutes to under 2 minutes per release.
- Improved server security and achieved an A+ SSL rating by configuring Nginx reverse proxies, Route 53 DNSSEC, and automated Certbot SSL renewals.

Serverless Cloud Infrastructure | *AWS Amplify, CloudFront, Cognito, GitHub Actions* slancer.site

- Implemented a responsive static frontend on AWS Amplify, supporting sub-second page loads and triggering automated CI/CD builds on 100% of repository pushes.
- Improved global asset load times by 45% by configuring AWS CloudFront CDN for edge caching.
- Managed identity infrastructure supporting 100+ secure user sessions via AWS Cognito integration in protected site areas.
- Accomplished custom domain routing through AWS Route 53 with provisioned SSL via Amplify.

Education

Bachelor of Science in Computer Science | University of South Asia | Lahore, PK **September 2023**
– **June 2027**

- **Core Focus:** Cloud Computing, Operating Systems (Linux).