

BIANCA DOMINGUEZ

Cloud & DevOps Engineer

AWS | Terraform | Linux | Docker | CI/CD | Serverless | DevSecOps | Full-Stack | API Integrations

biancadominguez.dev | git.biancadominguez.dev | hello@biancadominguez.dev | +44 7462 244765 | LinkedIn: linkedin.com/in/biancadominguez-dev/

PROFESSIONAL SUMMARY

Cloud & DevOps Engineer with hands-on experience building, migrating and operating cloud, serverless and self-hosted application systems. Experience spans AWS, Terraform, Linux, Docker, Coolify, Forgejo, Next.js/TypeScript, PostgreSQL/Supabase, Stripe and API/webhook integrations. Built and operated real business platforms across ecommerce, memberships, bookings, payments, automation and multi-tenant administration. Strong commercial background from running digital and multichannel businesses since 2012, combined with practical infrastructure, troubleshooting and application-delivery experience.

TECHNICAL SKILLS

- **Cloud & Infrastructure:** AWS, Linux, Terraform, Docker, Coolify, Cloudflare, Forgejo, VPS administration
- **AWS:** Lambda, API Gateway, S3, DynamoDB, SES, SNS, Rekognition, IAM, CloudWatch
- **Development:** Python, Bash, TypeScript, JavaScript, Next.js, Node.js, SQL, HTML/CSS
- **Data & Backend:** PostgreSQL, Supabase, Row-Level Security, Redis, REST APIs, webhooks
- **DevOps / Security:** Git, CI/CD, Infrastructure as Code, Infisical, UFW, Fail2ban, secrets management, application hardening
- **Integrations / Commerce:** Stripe, Meta Graph API, AWS SES, Resend, GA4 Data API, WhatsApp lead flows

SELECTED ENGINEERING PROJECTS

Self-Hosted Application Platform & Managed-Platform Migration

- Built and operate an Ubuntu VPS application platform using Docker, Coolify, self-hosted Forgejo, Cloudflare Tunnel, Infisical, PostgreSQL and Redis.
- Implemented SSH key authentication, root/password-login hardening, UFW and Fail2ban; troubleshoot DNS, proxy, deployment and service-connectivity issues.
- Migrating production applications from GitHub/Vercel-managed workflows to self-operated Forgejo/Coolify infrastructure, with encrypted backup, monitoring and DevSecOps improvements in progress.

AWS Passport Photo Automation

- Built a serverless AWS workflow using S3, Lambda, Rekognition, DynamoDB, Lambda Destinations/SNS and API Gateway.
- Used Python and event-driven architecture to process image events and expose application data through API-backed Lambda functions.

Terraform Infrastructure Project

- Completed the Terraform/TerraTowns cloud project using HCL, modules, variables, outputs, AWS CLI/Bash and infrastructure-as-code workflows.
- Maintained Git history and reusable Terraform structure; continuing to deepen state, modules, drift and CI/CD proficiency.

Aafiyah Digital Application & Integration Platform

- Built interconnected Next.js/TypeScript, Supabase/PostgreSQL, AWS and payment/integration systems for service-business workflows.
- Implemented booking, authentication, transactional email, Stripe payments, Meta webhooks, dashboards and multi-tenant administration.
- Built serverless Meta automation with AWS Lambda/API Gateway and Serverless Framework, including webhook signature verification and duplicate/replay-event protections.

PROFESSIONAL EXPERIENCE

Founder / Full-Stack & Cloud Systems Developer — Aafiyah Digital | 2022–Present

- Build and operate service-business applications using Next.js, TypeScript, Supabase/PostgreSQL, Stripe, AWS Lambda/API Gateway/SES, Resend and Meta Graph API integrations.
- Developed a multi-tenant administration dashboard using PostgreSQL Row-Level Security for client isolation across bookings, payments, analytics and content administration.
- Built serverless webhook automation for Meta lead capture, including signature verification, duplicate-event protection and automated comment-to-DM workflows.
- Develop reusable booking/demo application templates with validation, payments, transactional email and WhatsApp lead-capture workflows.
- Apply extensive ecommerce, funnel, marketing and customer-workflow experience to technical system design and business automation.

Founder & Digital Platform Operator — SunnaHealing UK | 2012–Present

- Founded and operated a multichannel ecommerce and digital publishing business across owned websites and major marketplaces, alongside large-scale social media, content, customer service and marketing operations.
- Evolved the business into a Next.js 16/TypeScript platform combining publication content, paid membership, ebook commerce, appointments and one-to-one/training services.
- Implemented Clerk authentication, Stripe payments, Resend email, Cloudflare R2 storage, MDX publishing, SEO/OG metadata workflows and application-security controls including CSRF/rate-limit hardening and webhook-verified payments.
- Migrating the production platform from GitHub/Vercel-managed workflows to Forgejo, VPS/Coolify and Cloudflare-based self-hosted infrastructure.

EDUCATION & TECHNICAL TRAINING

- Level 4 Full-Stack Development — Step8Up — Completed
- AWS DevOps Engineer Training — Cloud Binary — coursework completed/remaining modules in progress (training, not certification)
- AWS Cloud Attack & Defence / ACPRT Training — PwnedLabs — certification training in progress
- AWS re/Start Cloud Computing Programme — Learning Curve Group
- Terraform Beginner Bootcamp — practical infrastructure-as-code training
- IT Support / Networking / Security Training — IT Career Swap
- Scrimba development coursework — selected certificates in progress

CERTIFICATIONS

- AWS Certified Cloud Practitioner
- Microsoft Azure Fundamentals (AZ-900)
- Level 4 Full-Stack Development

CURRENT PROFESSIONAL DEVELOPMENT

Structured 16-week Cloud / DevOps / DevSecOps engineering programme focused on Python, Bash, Linux, AWS CLI/Boto3, SQL/PostgreSQL, networking, Docker, Forgejo CI/CD, Terraform/OpenTofu, observability, cloud/infrastructure security and DevSecOps, with a continuous JavaScript/TypeScript/Next.js and technical-explanation track. AWS Solutions Architect Associate is a future certification target.