

LORRAINE BONNEY

London, UK

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[LinkedIn](#) / [GitHub](#) / [Website](#)

PERSONAL STATEMENT

BSc Business Psychology graduate with a strong interest in backend development, distributed systems, and cloud-based architectures. Recently completed an intensive AWS cloud engineering programme, gaining hands-on experience deploying Linux-based applications, configuring secure AWS infrastructure, and supporting database-driven systems. Demonstrates strong analytical thinking and structured problem-solving, with experience developing Python applications and troubleshooting cloud environments. Brings prior professional experience from the NHS, supporting 20+ users weekly in complex, high-pressure environments, developing resilience, accountability, and clear communication. Naturally curious about how systems operate at scale, with growing interest in APIs, microservices, data pipelines, and secure platform architecture. Motivated to contribute as a Software Developer while continuing to develop deep technical expertise within collaborative, high-impact engineering teams.

KEY SKILLS

Backend Development & APIs: Experience developing Python-based applications with MySQL integration, implementing structured logic, database queries, modular design, and REST-style interactions within Linux environments.

Cloud Infrastructure & Deployment: Hands-on experience configuring AWS environments, including EC2, IAM, security groups, VPC networking, and Linux-based application deployment following cloud security best practices.

System Troubleshooting & Debugging: Strong ability to diagnose configuration, networking, and application-level issues using structured analysis, log inspection, and root-cause investigation techniques.

Security & Access Control Awareness: Understanding of least-privilege principles, IAM roles, role-based access control, and secure cloud configuration aligned with AWS shared responsibility model.

Collaboration Development: Experience contributing to team-based technical projects, documenting system architecture and supporting shared problem-solving in structured development environments.

Adaptability & Ownership: Proactive learner able to independently acquire new technical skills, take ownership of tasks, and continuously improve technical solutions.

Verizon Cloud Platform Job Simulation on Forage - February 2026

Completed a cloud product development simulation focused on VPN architecture and resilience design.

- Evaluated a hypothetical VPN solution against cloud-native principles, including redundancy, resiliency, and least-privilege access.
- Used Python via the command line to test architectural behaviours and validate system resilience assumptions within a simulated VPN environment.
- Researched security architecture approaches and presented structured findings to a technical audience.

EXPERIENCE

Generation UK AWS Cloud Practitioner Training: 24 November 2025 - March 2026, London

Completed a full-time, immersive cloud engineering programme focused on infrastructure configuration, backend application deployment, and secure system design.

- Designed and configured secure AWS environments, including EC2 instances, IAM roles, security groups, CI/CD pipelines, and VPC networking components.
- Deployed and supported a LAMP-based web application on Linux EC2 infrastructure, troubleshooting networking, port configuration, and access control issues to maintain application availability.
- Developed a Python-based customer order management system with MySQL database integration, implementing backend logic, structured data queries, and modular application design.

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- Applied principles of cost-awareness, shared responsibility, and infrastructure security in scenario-driven technical exercises.
- Produced structured technical documentation to support clarity, maintainability, and collaboration.

TECHNOLOGIES

Python • MySQL • AWS EC2 • IAM • VPC • Linux • Git • LAMP Stack • CloudWatch • REST Concepts

WORK EXPERIENCE

Social Media Marketing Coordinator: *ByRoyaleUK, London, September 2022 - March 2023*

Supporting the optimisation of a digital platform by monitoring performance metrics, analysing user behaviour, and implementing data-driven improvements to increase engagement and reach.

- Monitored platform performance using Instagram Insights, analysing metrics such as reach, impressions, engagement rate and profile interactions to identify trends and performance issues.
- Analysed engagement data to adjust posting schedules, content formats and hashtag strategies, resulting in a 30% improvement in average post reach.
- Responded to user interactions and feedback (comments, messages, polls) to improve user experience and maintain consistent platform engagement.
- Documented performance outcomes and engagement trends to inform future campaigns and support continuous optimisation, contributing to 10% follower growth within three months.

Occupational Therapist: *Northwick Park Hospital NHS Trust, February 2019 - October 2020*

Providing structured assessment, issue resolution and user support within a complex clinical environment, ensuring safe system usage and positive outcomes for service users.

- Assessed patient needs through structured evaluations, interviews and observation, identifying functional issues and determining appropriate intervention pathways, for an average of 20+ service users per week.
- Delivered tailored rehabilitation solutions to 60+ patients monthly by analysing patient data and adjusting treatment plans to improve functional outcomes and independence in 85% of cases.
- Conducted risk assessments and recommended appropriate equipment, providing user guidance and support to ensure safe and correct usage for 50+ patients monthly.
- Maintained accurate digital records using NHS clinical systems, ensuring data accuracy, compliance and continuity across multidisciplinary teams.
- Used structured assessment and problem analysis to diagnose complex patient needs, applying systematic decision-making approaches similar to troubleshooting in technical environments.

EDUCATION AND CERTIFICATIONS

University of Greenwich, London, September 2020 - July 2023

- **Business Psychology:** Relevant coursework in Quantitative & Qualitative Data Analysis in various Psychological Disciplines, Business Negotiations, Business Ethics, Psychological Research Methods, International Business Environment, Career & Professional Practice.

INTERESTS

- In my free time, I enjoy creative digital design, utilising digital graphics in visual storytelling. I regularly design personal projects and branding mock-ups, which allows me to combine creativity with structured planning, attention to detail, and continuous learning. Skills I am keen to further develop alongside my career in cloud technology.