

BENNY ASANTE DUAH

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PROFESSIONAL EXPERIENCE

Preseence, Brand Consulting & Web Development

Apr 2022 – Present
Accra, Ghana (Remote)

Lead Consultant

- Led client relationships across 20+ engagements, converting initial briefs into defined scopes and delivering on time with zero project failures, securing repeat business from 60% of clients
- Conducted digital performance audits across client websites, identifying and resolving UX and conversion bottlenecks that boosted usability and engagement metrics by up to 30%, directly increasing e-commerce revenue
- Standardised documentation across all projects using Google Workspace, reducing rework time by 15% through disciplined version control and handover notes
- Translated complex brand, web, and cloud infrastructure requirements into clear, non-technical recommendations for stakeholders, accelerating decision-making and securing additional project scopes

CFAO Mobility Ghana

Oct 2024 – Oct 2025
Accra, Ghana

Automobile Technician (National Service)

- Serviced 50+ vehicles using systematic OEM diagnostic procedures, a troubleshooting methodology transferable to IT root-cause analysis, reducing repeat repair incidents by 10%
- Produced 50+ detailed, audit-ready technical reports (one per vehicle), communicating diagnostic findings clearly to stakeholders and improving service transparency, contributing to consistently high customer retention

Webwise Agency

Jan 2023 – Oct 2024
Accra, Ghana (Remote)

Website Developer & UI Designer (Delivery Support)

- Delivered 10+ client websites across Agile sprint cycles, maintaining 100% on-time delivery and achieving zero missed quality milestones through cross-functional coordination with design, development, and client teams
- Executed frontend performance optimisations, including asset compression, lazy loading, and render-blocking resource elimination, improving Core Web Vitals scores and reducing average bounce rates by 25%, resulting in measurably higher client satisfaction ratings
- Institutionalised structured QA processes covering cross-browser testing, accessibility checks, and regression reviews before every deployment, reducing post-launch bug reports by an estimated 40% and shortening post-release fix cycles

PROJECT EXPERIENCE

Team Check-In Dashboard (AWS Capstone) | Azubi Africa (Group Project) | 2026

Tools: Node.js, EC2, IAM, VPC, Security Groups, GitHub, GitHub Actions, AWS CodePipeline

- Collaborated within a 5-person team to deliver the full-stack check-in application, taking ownership of the application layer and CI/CD pipeline while supporting teammates on infrastructure setup and documentation to ensure cohesive end-to-end delivery
- Deployed the application on AWS EC2 within a custom VPC, enforcing least-privilege Security Group rules that restricted inbound access to required ports only, reducing the attack surface to zero unnecessary exposure
- Designed and implemented a CI/CD pipeline using GitHub Actions and AWS CodePipeline, cutting manual release steps and enabling automated deployment to AWS on every commit, reducing deployment time from hours to minutes
- Administered the GitHub repository as GitHub Manager, establishing branching conventions and maintaining clear documentation across 3 release versions, enabling seamless team handoff with zero knowledge loss
- Authored structured technical documentation covering architecture decisions, SSH key management, and deployment procedures, providing a complete handoff package that reduced onboarding time for reviewers

Static Web Server on EC2 | Personal Project | 2026

Tools: AWS EC2, Apache/Nginx, Security Groups, SSH, Linux (Ubuntu), Terraform, CloudWatch, Auto Scaling

- Orchestrated a secure production EC2 instance setup via Terraform, configuring SSH key access and restricting ports 80/22 for public web server deployment
- Engineered real-time monitoring with CloudWatch and Auto Scaling, eliminating manual load adjustment and ensuring 99.99% uptime during peak traffic surges

Serverless Image Resizer | Azubi Africa Coursework | 2026

Tools: AWS S3, Lambda, IAM, Python (Pillow)

- Launched a Lambda function triggered by S3 uploads to automatically resize images and store outputs in a separate bucket, eliminating server overhead and cutting costs to a pay-per-invocation model
- Provisioned a DynamoDB table for image metadata and configured least-privilege IAM roles, scoping Lambda permissions to S3 read/write and DynamoDB PutItem only
- Validated the full pipeline via CloudWatch logs and manual output verification, achieving a 100% success rate across all test uploads

Containerized Web App Deployment | Personal Project | 2026

Tools: Docker, Kubernetes, CI/CD, GitHub

- Containerised a web application using Docker, authoring a multi-stage Dockerfile that reduced final image size by eliminating build-time dependencies, improving pull speed and deployment efficiency
- Released the containerised application to a Kubernetes cluster, configuring Pods, Services, and Deployments to manage horizontal scaling and ensure high availability with zero manual restarts during testing
- Built a CI/CD pipeline streamlining Docker image builds and Kubernetes deployments on every GitHub push, reducing manual release effort and cutting deployment errors to zero across all post-pipeline releases

SKILLS & COMPETENCIES

Cloud, Infrastructure & Security: AWS (EC2, S3, Lambda, VPC, CloudFront, ELB, ALB, IAM, RDS, DynamoDB, CloudWatch, CloudTrail, Auto Scaling), VPC design, Security Groups, SSH key management, Linux, Bash

DevOps & Containers: Docker, Kubernetes, Terraform, CI/CD (GitHub Actions, AWS CodePipeline)

Web Development: WordPress, Webflow, WooCommerce, PHP, HTML5, CSS3, JavaScript, Node.js, Python

Design & Visual Tools: Adobe Creative Suite (Illustrator, Photoshop), Canva, Figma

Project & Quality Management: Agile workflows, project lifecycle coordination, QA, documentation control

Productivity & Collaboration: Microsoft 365, Google Workspace, Trello, Asana, Notion

Version Control: Git, GitHub

AI & Automation: AI productivity tools, Automation tools (Zapier), Prompt engineering

EDUCATION

Azubi Africa Cloud and AI Intensive Programme	2026 – Present
Cloud Computing Track, Networking Module (Linux, Bash, Python, Go)	Accra, Ghana (Remote)
Kwame Nkrumah University of Science and Technology (KNUST)	2021 – 2024
Bachelor of Science, Automobile Engineering	Kumasi, Ghana

CERTIFICATIONS

- AWS Cloud Practitioner, Amazon Web Services & ALX (2025)
- Certificate in AI Prompting, ALX (2024)
- Professional Skills Development, ALX (2024)