EMMANUELLA ADAMS (ODEJE)

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PROFESSIONAL SUMMARY

Highly motivated Software Engineering student and Creative Technologist with 5+ years of experience in technical storytelling and narrative development. Expert at bridging the gap between deep tech and human-centric narratives, specializing in Generative AI, NLP, and Cloud Infrastructure. Proven track record of building intelligent systems—from computer vision pipelines for urban planning to NLP tools for literary analysis—while maintaining a strong academic standing (4.41 CGPA).

CORE SKILLS

- **Engineering & Programming:** Python, JavaScript, HTML/CSS, SQL, ML Pipeline Development (TensorFlow, PyTorch), Data Preprocessing, Model Evaluation.

- **AI/ML & Research:** Natural Language Processing (NLP), Computer Vision (U-Net, ResNet), Prompt Engineering (Vertex AI), Computational Text Analysis, Geospatial Benchmarking.

- **Cloud & DevOps:** Google Cloud Platform (GCP), Cloud Shell, Load Balancing, Compute Engine, Serverless Computing, Docker, Git/GitHub, Linux.

- **Writing & Creative:** Technical Writing, SEO Copywriting, Archival Research, Narrative Analysis, World-Building, Content Marketing.

- **Tools:** VS Code, Jupyter, Google Cloud Console, WordPress, Grammarly, Slack, Node.js.

PROFESSIONAL EXPERIENCE

Technical Team Member / Software Developer | GDG On Campus - FUD

Jan 2025 – Present

- Contribute to full-stack campus event registration systems and community dashboards using modern web frameworks.

- Debug complex code and guide participants through technical challenges in a collaborative engineering environment.

- Develop and optimize responsive user interfaces using JavaScript to enhance user engagement.

Content Writer Intern | 1999 Ideas Concepts Innovations & Creations

Sept 2025 – Present

- Synthesize complex technical research findings into clear, actionable narratives for diverse global audiences.

- Apply advanced SEO strategies and AI-assisted content optimization to boost digital visibility and search rankings.
- Connect technical data results with human-readable insights for high-level client platforms.

Founder & Creative Consultant | Lady Anuelle – Freelance Services

Jan 2023 – Present

- Bridge technology and storytelling to help clients express complex ideas through ghostwriting and content creation.
- Revamp professional CVs for ATS optimization and provide structural editing for technical academic papers.
- Manage digital content ventures, translating technical milestones into compelling brand communications.

Self-Led Researcher & Storyteller | Code & Courage, African Women in Tech

Oct 2025 – Present

- Conduct archival and multimedia research documenting the history of women's contributions to African technology.
- Produce digital storytelling content linking historical technical milestones with modern cultural insights.
- Deliver structured, data-driven reports from raw research for a global audience.

Coding Team Lead | FIRST LEGO League / FGC Kiyawa

2021 – 2023

- Led the robotics and coding team in regional competitions, improving team efficiency by 70% through workflow optimization.
- Coordinated problem-solving efforts for the FLL Challenge, focusing on Python-based logic and hardware integration.

KEY PROJECTS

UrbanEye – Building Footprint Detection for Urban Planning

- Benchmarked U-Net for building segmentation in arid regions, engineering custom augmentations for dust and shadow artifacts.
- Preprocessed Kenya GeoJSON datasets to improve model robustness, achieving a 75% IoU baseline for geospatial analysis.

StoryOracle – NLP-Powered Narrative Quality Analyzer

- Fine-tuned DistilBERT on short fiction datasets to analyze sentiment, readability, and stylistic consistency.

- Designed a quantitative framework for narrative evaluation, achieving 85% alignment with human literary judgment.

The Architects of Africa's Digital Economy

- Investigated 30 years of archival sources using NLP to identify thematic shifts in technology advocacy and community building.

EDUCATION

B.Sc. Software Engineering | Federal University Dutse, Nigeria

Expected 2027 | CGPA: 4.41 / 5.00

- **Relevant Coursework:** Machine Learning, NLP, Distributed Systems, Data Structures, Research Methodology.

CERTIFICATIONS

- **AI & ML:** AI Fundamentals (IBM), Professional ML Engineer Study Guide (Google), Intro to AI & ML (Google Cloud), Prompt Design in Vertex AI (Google Cloud).

- **Cloud:** Google Cloud Fundamentals: Core Infrastructure, Cloud Load Balancing for Compute Engine.

- **Data & Marketing:** Data Science & Analytics (HP LIFE), Certified Content Marketing Specialist (HubSpot).

- **Cybersecurity & Web:** Introduction to Cybersecurity (Bread of Hope), Responsive Web Design (freeCodeCamp - Ongoing).

HONORS & AWARDS

- **1st Place** – BlockDAG Hackathon (UI/UX lead for RiskShare blockchain platform), 2025.

- **National Finalist (Top 4)** – GLOBE National Written Quiz Competition, Nigeria, 2022.

- **1st Place** – GLOBE Zonal Written Quiz Competition, North West Zone, 2022.

VOLUNTEERING

- **WTM Tastemaker** | Women Techmakers (Alpha tester for new tech initiatives).

- **Catering Coordinator** | DevFest Dutse 2025 (Logistics and attendee coordination).