**Statement of Purpose**

**Northeastern University – College of Professional Studies**  
**MSc in Cloud Computing Application and Management**

I did not have any prior knowledge of computing or IT, I had always wanted to be an architect. After secondary school, I was introduced to a computer training program on how to use AUTO-CAD for drawing building plans as an architect. The idea of the training made me fall in love with computers and their ability to accomplish amazing tasks. Curious to learn more, I inquired further and was told that studying Computer Science would not just teach me how to use these powerful tools on the computer but how to create them. This revelation was captivating, and I immediately applied to study Computer Science, determined to build amazing technological solutions myself. This passion led me to pursue a degree in **Computer Science**, where I graduated with a **First-Class Honors (4.7/5.0 GPA)**. Over the years, I have honed my technical and leadership skills through various professional, academic, and community engagements. Now, I seek to advance my expertise in **Cloud Computing** to bridge the gap between scalable technology solutions and real-world applications. Northeastern University's **MSc in Cloud Computing Application and Management** stands out as the ideal program to achieve this goal due to its industry-aligned curriculum, practical learning approach, and dynamic research opportunities.

### Academic Background & Research Interests

During my undergraduate studies, I worked on various projects that reinforced my interest in cloud-based technologies. A notable project I developed was **EcoPoint**, a waste management system that incentivizes individuals to return recyclable waste. The system assigned **QR codes** to products, allowing returners to scan and receive **monetary rewards**. This project exposed me to the intricacies of backend development, database management, and API integrations, all of which are critical in cloud computing environments.

Also my **research on blockchain-based consensus mechanisms for securing data transmission from cloudlets to mobile devices in edge computing** strengthened my understanding of distributed systems and the need for secure, scalable cloud infrastructure. This research has fueled my passion for exploring **cloud security, scalability, and resource optimization,** areas I hope to deepen my expertise in through this program.

### Professional Experience

Beyond academics, I have gained valuable professional experience in the **technology training and software development industry**. In 2023, I served as a **Web Development Basics Facilitator** at **EmmaTech Institute, Lafia**, where I introduced students to the fundamentals of web technologies. Later, I took on a more challenging role at **Harley Innovation Hub, Lafia**, where I worked as a **Backend Development Facilitator** and also served as the **Hub Manager**. Here, I was responsible for managing the hub’s technical programs and mentoring aspiring developers. These experiences have reinforced my leadership skills and passion for knowledge transfer.

### Community Engagement & Leadership

I am deeply committed to fostering **technological growth in my community**. Since 2021, I have been an active volunteer with **Google Developers Group (GDG) Lafia** and **Women Techmakers (WTM) Lafia**, helping organize tech events, workshops, and seminars. Also at my university, I was a member of the **Google Developer Student Club (GDSC)**, serving in various leadership roles: **Member (2021-2022), Core Team Member (2022-2023), and Technical Lead (2023-2024)**. These roles have enabled me to develop training programs, moderate sessions, and mentor students in software development and Information Technology as a whole.

Through these engagements, I have realized the power of **education in shaping the next generation of tech leaders**. My long-term vision is to establish **a training institute both online and physical to provide IT education and Emerging Technical skills such as problem solving, game development, cyber security and so on, to children and young learners**. By mastering **cloud computing**, I will be better positioned to develop scalable **cloud-based learning platforms** that will reach a broader audience and make high-quality IT education accessible to underprivileged communities.

### Motivation for Pursuing Cloud Computing

Cloud computing is at the core of modern technological advancements, offering scalable, cost-effective, and secure solutions for businesses and individuals alike. My **background in backend development, database management, and deployment of applications** has given me a solid foundation, but I recognize the need to expand my expertise in **cloud architecture, DevOps, and cloud security**. I am particularly interested in **how cloud computing enhances data security, optimizes resource allocation, and facilitates seamless software deployment**.

Northeastern University stands out to me because of its **emphasis on experiential learning** and **collaborations with industry leaders**. The opportunity to gain hands-on experience through **co-op programs, industry projects, and research initiatives** aligns perfectly with my learning style. Moreover, the testimonies from past graduates inspire me, reinforcing my belief that this institution will provide the right environment for me to **excel, grow, and contribute meaningfully to the cloud computing field**.

### Overcoming Challenges & Personal Growth

My journey to higher education has been marked by **resilience, determination, and unwavering focus**. Coming from a family that once experienced financial stability but later struggled, I had to navigate **significant financial hardships** from a young age. When I was **nine years old, my family’s financial situation took a downturn**, forcing me to attend a low-cost secondary school where my parents still struggled to pay my fees.

After completing high school, I spent **four years at home** due to a lack of funds for university registration. During this period, I worked at a **nursery and primary school**, earning a small income to support myself and my younger siblings. As the second child in my family, I watched my elder sister struggle through university by sponsoring herself, which further motivated me to fight for my education.

After three years of waiting, I applied to university in **faith and determination**. Despite the **challenges of tuition fees and living expenses**, I persevered. In my **second year**, I started working by **helping final-year students with their projects** and conducting **paid training sessions** for my peers. Eventually, my academic excellence earned me a **scholarship from a Nigerian company**, covering my tuition and accommodation, which lifted a significant burden off my shoulders.

These experiences have instilled in me a **strong work ethic, resilience, and a deep sense of purpose**. I strive for excellence not just for myself but as **a testament to my students, mentees, and younger siblings** showing them that through **hard work, perseverance, and continuous learning, success is achievable**.

### Conclusion

Pursuing a **Master’s degree in Cloud Computing Application and Management** at **Northeastern University** is a crucial step toward fulfilling my personal and professional aspirations. The program’s curriculum, coupled with the university’s **industry connections and research focus**, will provide me with the **technical expertise and practical experience needed to excel in the cloud computing industry**.

My ultimate goal is to use my **knowledge and experiences to empower others**, build **scalable cloud-based solutions**, and establish a **tech training institute that fosters innovation and digital literacy for children**. I am confident that **Northeastern University’s unique learning environment will equip me with the skills, knowledge, and network necessary to make a meaningful impact in the tech industry and beyond**.

I am eager for the opportunity to contribute to the Northeastern community and collaborate with **faculty members, industry experts, and fellow students** in pushing the boundaries of cloud computing innovation. Thank you for considering my application.