**Carole Nozinhle Moloi**

Johannesburg, South Africa

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**Professional Summary**

Dynamic and driven technology enthusiast with expertise in web and app development, media, and cybersecurity. A BRICS and YOUNGO member holding certifications in environmental research, sustainable leadership, and impact management. Proficient in coding, leadership, and strategic project execution, with a passion for empowering communities through innovation and advocacy.

**Education**

Certificate in Web and App Application Development & Scripting (Ongoing)

IIE Varsity College

Bachelor’s Degree in Computer Science (Planned Progression)

IIE Varsity College

Sustainable Leadership & Impact Management (Ongoing)

Certification by Mission Impact (BRICS) | Youth 20 (Y20) G20 India 2023

Environmental Analyst & Researcher Certificate

BRICS Outlook Young Experts: Green Jobs and Sustainable Energy

**Technical Skills**

- Programming: Python, JavaScript, Kotlin, TypeScript  
- Frameworks: React Native, Jekyll, Bootstrap  
- Tools: Git, Visual Studio Code, Android Studio  
- Cybersecurity: Self-taught ethical hacking and penetration testing  
- Media Production: Cinematography, video editing, presenting

**Professional Experience**

Media and Youth Leader

ECGTJN Church, 106 turfontein road, Stafford | 2018–Present

- Spearheaded media production and youth empowerment initiatives.  
- Organized and presented workshops and forums, enhancing community engagement.  
- Managed editing, interviews, and cinematography for local and online audiences.

Speaker and Advocate

Women Heal Foundation & Women Lead Forum | 2023–Present

- Delivered inspirational talks on healing, empowerment, and leadership.  
- Organized events promoting women's self-esteem and societal contribution.

Environmental Research Collaborator

BRICS Young Expert Groups | 2024

- Conducted research on green jobs and sustainable energy for policy development.  
- Collaborated with international teams to provide actionable environmental solutions.

**Projects**

Android App - Age Matcher

- Developed an Android app using Kotlin that matches user-entered ages to historical figures, providing an interactive and educational experience.  
- Implemented efficient algorithms and a user-friendly interface to enhance engagement.

GitHub Portfolio

- Created a GitHub portfolio showcasing technical projects, including mobile app interfaces and cybersecurity tools.

Culinary Artistry App

- Designed and implemented an Android application for a private chef, integrating booking and menu features using React Native.

Women Heal Foundation Website

- Built a responsive website highlighting the foundation's mission and programs.

**Leadership and Affiliations**

- BRICS Youth Council Member  
- South African BRICS Youth Association (SABYA) Member  
- YOUNGO Member  
- Green Jobs and Skills Expert Group Member

**Languages**

- English: Fluent  
- French: Intermediate  
- Korean: Beginner

**Hobbies and Interests**

- Coding and exploring new technologies  
- Reading and attending networking events  
- Learning new languages

**References**

Available upon request.