



Avuyile Mthembu

Multi-Stack Software Engineer

Durban City - Boston City Campus - Final Year: Diploma in Systems Development

About Me

I'm Avuyile Mthembu, a 20-year-old multi-stack software engineer based in Durban. I build across web, mobile, and desktop — balancing clean design with deep functionality. I'm currently wrapping up my Diploma in Systems Development at Boston City Campus, while actively growing a portfolio that reflects real impact and hands-on skill.

I don't just follow a curriculum — I run parallel tracks of self-learning, building, and pushing boundaries. I work through the full dev stack — from UI/UX, branding, and logic, to API integration, database architecture, hosting, and optimization. I bake SEO into every site, keep performance lean, and apply secure-by-design principles across every app I build.

I follow SDLC frameworks and adapt to project needs using Agile or Waterfall. I also keep a close eye on emerging tech — using AI to automate workflows, enhance problem-solving, and get more done with less drag.

Academic Record

Year 1 - 2023 (118 Credits Earned)

July to December

- Praxis 1 (HPX100-1) - 95%
- Computer Literacy Advanced (HCLT108-1) - 77%
- Technical Systems & Support (HTSS100-1) - 56%
- Introduction to Business Management (HBMN102-1) - 68%

January to June

- Systems Development 1 - Java (HSYD100-1) - 75%
- Academic Literacy (HALP100-1) - 62%
- Computer Literacy Intro (HCLT101-1) - 58%
- IT Systems Management 1 (HISM100-1) - 66%

Year 2 - 2024 (100 Credits Earned)

July to December

- Systems Development 2A (HSYD201-1) - 84%
- Systems Development 2B - Security+ (HSYD202-1) - 92%

January to June

- Database Programming 2 (HDBP200-1) - 84%
- Praxis S2 (HPXS200-1) - 86%
- Android App Development (HASD200-1) - 87%

Character - Values - Leadership

I'm grounded in Christian values. My direction is guided by integrity, purpose, and a mindset that balances humility with ambition.

I lead in two youth-focused organizations:

- **Sandanezwe Embodiment of Excellence** - a registered non-profit that builds rural potential through educational and empowerment programs.
- **PathFinders Empowerment Hub** - a private youth firm focused on leadership, skill development, and long-term growth.

Both organizations run on different models — but their heartbeat is the same: build youth capacity, restore dignity, and drive transformation where it is most needed.

Portfolio - Projects - Online Presence

- avuyilemthembu.co.za - Personal Website
- vylexnexys.co.za - Tech Venture
- sandanezweexcellence.co.za - Rural Upliftment NPO
- pathfindersempowerment.co.za - Youth Development Platform