

# AVUYILE MTHEMBU

Graduate Software Developer | Full-Stack Developer

Durban, South Africa • 064 878 4287 • mthembuavuyile@outlook.com

LinkedIn • GitHub • vylex.co.za • avuyilemthembu.co.za

## Professional Summary

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Highly motivated software development graduate with strong academic performance and practical full-stack development experience. Founder of Vylex Technologies, with experience designing and developing 10+ professional websites and digital solutions for businesses and organizations. Proficient in Java, JavaScript, SQL, and modern web technologies, with a solid foundation in systems analysis, software development methodologies, and secure development practices. Demonstrates strong analytical thinking, problem-solving ability, and adaptability within technical environments. Seeking an opportunity to contribute to enterprise software solutions while continuing to grow as a software developer.

## Core Technical Skills

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**Languages:** Java, JavaScript (ES6+), PHP, SQL

**Frontend:** React, HTML5, CSS3, Tailwind CSS

**Backend & APIs:** Node.js, REST APIs

**Databases:** MySQL, SQLite

**Tools & Platforms:** Git, GitHub, Firebase, CI/CD pipelines

**Concepts & Practices:** OOP, SDLC, Agile, Systems Analysis & Design, Unit Testing, Integration Testing

**Security Fundamentals:** IAM, secure authentication, data protection principles, POPIA awareness

## Education

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**Diploma in Systems Development (NQF Level 6)**

2023 - May 2026

*Boston City Campus, Durban*

- 21 modules completed
- Final-year average: **82%**
- Systems Analysis & Design: **94%**
- Security Implementation: **92%**
- Praxis: **95%**
- Android Development: **87%**

## Achievements

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- Awarded Bilfinger Intervalve Africa bursary (2025)
- Awarded Hexing Electrical bursary (2024)

## Key Attributes

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- Strong problem-solving and analytical thinking skills
- Fast learner with adaptability in technical environments
- Effective communication and teamwork abilities
- Attention to detail and commitment to maintainable code

*References are available upon request.*