

# SIYABONGA NTSHINGILA

## Full-Stack Software Developer

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My GitHub    My LinkedIn Profile    Portfolio

## PROFESSIONAL SUMMARY

Experienced Full-Stack Software Developer with hands-on experience building and maintaining production web applications. Proficient in Dart, C++, Flutter, and Laravel, with a strong focus on developing reliable, user-focused features that support real-world workflows. Proven ability to collaborate with cross-functional teams, take ownership of assigned components, and contribute to stable, scalable solutions. Seeking to continue growing as a full-stack developer within teams building impactful digital products.

## EDUCATION

### Software Development Programme

#### Power Learn Project

Jan 2023 - Jul 2023

Online

- **Main Courses:** Dart Programming, Database Design & Programming with SQL, Business Communication Skills & Entrepreneurship (Soft Skills), Computing Essentials
- **Specialisation:** Flutter

### Bachelor of Science (Hons) in Electrical (Information) Engineering

#### University of the Witwatersrand

Jan 2017 - Dec 2022 (Incomplete)

Johannesburg, Gauteng

- **Year of Study:** 3 of 4
- **Main Courses:** Software Development I-II, Data and Information Management, Fundamentals of Communications, Signals & System I-II, Electronics I-II, Control Systems I, Electrical Engineering Design, Economics of Design and Computational Mathematics.

### National Senior Certificate (NSC)

#### Landulwazi Comprehensive School

Jan 2016 - Dec 2016

Thokoza, Gauteng

- **Highest Grade Passed:** Grade 12
- **Main Subjects:** Mathematics, Physical Sciences, Electrical Technology and Engineering, Graphics & Design (EGD)

### Samsung Electronics Engineering Academy

Jan 2014 - Dec 2016

Boksburg, Gauteng

- **Main Courses:** Soldering Techniques, Refrigeration and Cooling Systems, Motors and Control Systems, Electrical Technology, Industry-Appropriate Skills, Basic, Intermediate, and Advanced Engineering Skills.

## WORK EXPERIENCE

### Siyakha Consulting

#### Software Developer

Jan 2025 - Present

Hybrid

- Developed and maintained full-stack features across multiple production web applications.
- Took ownership of key platform components on a community-focused digital platform.
- Built user-facing features including opportunities management, authentication flows, and search.
- Supported deployments through post-release checks, issue resolution, and maintenance.
- Collaborated with cross-functional teams across projects and changing requirements.

Siyakha Consulting

Developer Intern

May 2024 - Dec 2024

Hybrid

- Assisted with developing and integrating web features using PHP and Laravel.
- Contributed to front-end and back-end tasks, including fixes and enhancements.
- Independently handled assigned development tasks with senior support when needed.
- Participated in standups and team collaboration across different projects.

Other

- Eaton Electric** – Undergraduate Vacation Work (Nov 2019 - Jan 2020): Gained hands-on experience in electrical safety, quality control, and wiring for high-voltage systems. Analyzed microgrid strategies for sustainability and efficiency.
- Gauteng Department of Education** – Quality Assurer (Nov 2018 - Dec 2018): Reviewed and verified matric exam marking, ensuring accuracy and compliance. Demonstrated efficiency by completing quality assurance ahead of schedule.

PROJECT EXPERIENCE

Centipede

Game Development

Jul 2021 - Nov 2021

Johannesburg, Gauteng

- Description:** Developed a 2D arcade game using C++ and OOP principles.
- Tools:** C++, SFML (graphics and input), Doctest (unit testing).
- Collaboration:** Worked in a small team using GitHub and MS Teams.

GovTrackSA

Mobile Development Prototype

April 2023 - Jul 2023

Germiston, Gauteng

- Description:** Designed and developed a mobile app prototype to improve access to South African government information.
- Tools:** Flutter, Dart, Figma (UI design), Firebase (authentication).

ADDITIONAL

- Technical Skills:** SQL, C++, Dart, PHP, HTML/CSS, MATLAB, Flutter, Laravel, Wordpress, SFML, Git, Github, UI/UX Design (Figma), Firebase, REST APIs, Microsoft Office Suite (Word, Excel, Powerpoint), Management Tools (Trello, Confluence, Jira).
- Soft Skills:**
  - Written Communication: Authored technical reports for university and professional settings.
  - Verbal Communication: Explained complex concepts clearly in collaborative projects.
  - Teamwork & Collaboration: Proven expertise in quality assurance, university projects, internships, and work.
- Languages:** Fluent in English & Zulu; Conversational in Sotho & Sepedi.
- Certifications & Training:** Flutter Specialisation Certificate (Power Learn Project), 80%+ Certificate (Samsung Electronics Academy), Siyakha - Developer of year

REFERENCES

Kingsley Kgwedi  
Company: Siyakha  
Position: Senior Developer (Mentor)  
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Mzwandile Dlala  
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