

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

- Developing and maintaining full-stack features across multiple production web applications.
- Taking ownership of key platform components on a community-focused digital platform.
- Building user-facing features including opportunities management, authentication flows, and search.
- Supporting deployments through post-release checks, issue resolution, and maintenance.
- Collaborating 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

Company: Standard Bank

Position: Senior Developer (Technical Mentor)

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