

SIYABONGA NTSHINGILA

Software Developer

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⌚ My GitHub 💬 My LinkedIn Profile

PROFESSIONAL SUMMARY

Proficient in Dart, C++, Flutter, and Laravel, with practical experience gained through university projects, personal initiatives, and work experience. Skilled in developing software solutions following best coding practices and principles. Strong ability to collaborate with project teams and contribute to the creation of functional, user-focused components. Actively seeking opportunities to apply and expand expertise in full-stack development, with a particular focus on mobile applications.

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

Junior Software Developer

📅 Jan 2025 - Present

📍 Hybrid

- Developing and maintaining full-stack features, ensuring smooth integration with existing projects.
- Supporting application deployments, including running basic post-deployment optimizations and verifying system stability.
- Assisting in diagnosing and addressing production issues when necessary.
- Collaborating with teams across different projects, adapting to evolving technical and business requirements.

Siyakha Consulting

Digital Developer Intern

📅 May 2024 - Dec 2024

📍 Hybrid

- Assisted in developing and integrating web application features for ongoing projects using PHP with Laravel.
- Contributed to both front-end and back-end development, including feature creation, bug fixes, and enhancements.
- Collaborated with the digital development team in standup meetings, providing updates and recommendations.
- Adapted to different project teams, taking on varied development tasks as needed.

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, 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).

REFERENCES

Kingsley Kgwedi

Company: Siyakha

Position: Software Developer (Mentor)

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Vladimir Neiman

Company: Siyakha

Position: Technical Mentor

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