

# Rodrick Sanhokwe

## SOFTWARE DEVELOPER

Software Engineer | Web Developer | Mobile App Developer | Data Science & Analytics | AI/ML | Full-stack Developer | Web Services | APIs | DevOps | Systems Support | Risk Analytics | Quality Assurance

### Personal Information

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**Email:** rsanhokwe@gmail.com

**Phone:** +263777464776

**Portfolio:** <https://rodrick.tronix-inc.co.zw/>

### Overview

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Software developer with hands-on experience designing, testing, and deploying robust applications across multiple platforms. I work with Python, JavaScript, Java, C#, and PHP, leveraging frameworks such as Laravel, React, Spring Boot, Flask, and ASP.NET to build scalable solutions. My strengths include software development, system optimization, quality assurance, and identifying technical risks early. I'm driven by the challenge of solving complex problems and creating software that's both efficient and user-friendly always with an eye toward maintainability and long-term impact.

### Work Experience

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**Zimbabwe Open University | Software Developer** 11/2025 - Present

- Set up and configured development, testing, and production environments to ensure smooth deployment and version control.
- Analyzed user and system requirements to design efficient, scalable solutions tailored to institutional needs.
- Developed secure and high-performing web applications using Laravel and React, improving operational efficiency across departments.
- Designed and optimized MySQL databases for university systems, enhancing data integrity and performance.
- Built and maintained RESTful APIs for system integration and data synchronization across platforms.
- Conducted comprehensive testing and debugging to ensure reliability, security, and user satisfaction.
- Integrated internal systems and third-party services, streamlining workflows and automating key university processes.

**Tronix Incorporation | Junior Software Developer** 08/2023 - 10/2025

- Developed and integrated payment gateway APIs with third-party services, enabling secure transaction processing for e-commerce platforms.
- Improved code quality across development cycles.
- Monitored system performance metrics and resolved critical incidents, minimizing downtime and ensuring business continuity for enterprise applications.
- Delivered first-line technical support for software applications, diagnosing user issues and escalating complex problems while maintaining detailed incident logs.

### Internships

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## **ZETDC | Intern Software Developer**

**04/2022 – 07/2023**

- Developed a WhatsApp-based chatbot with Flask that automated half of all customer inquiries, enhancing support efficiency.
- Led software testing efforts, identifying bugs and ensuring proper functionality before deployment.
- Supported the development of a cross-platform incident management system with Laravel and Angular, cutting fault resolution time by over a third.
- Built a job portal using PHP and MySQL that drove a 40% uptick in applicant engagement.
- Supported SAP Travel workflows, optimizing operations for over 200 end-users.

## **Zimbabwe Open University | Intern Software Developer**

**07/2021 – 03/2022**

- Implemented a PHP-based asset management system that boosted tracking efficiency by 60% and improved software-side inventory control.
- Provided technical support and software maintenance for 150+ devices, ensuring system uptime remained above 98%.
- Delivered hands-on training on IT systems and enterprise software, significantly reducing recurring support requests by 25%.

## **Projects**

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Portfolio - <https://rodrick.tronix-inc.co.zw/>

## **Education**

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**Zimbabwe Open University,**

**2019 - 2023**

Bachelor of Software Engineering Honors

Major: Software Engineering

Degree Class - **2.1**

## **Certifications**

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**Huawei, Seeds for the Future**

**11/2023**

Topics: 5G, AI, Digital Power, Cloud Computing

## **Memberships**

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**Computer Society of Zimbabwe (CSZ), Harare**

- Student Member - Membership number **(230014)**

## **Skills & abilities**

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- Soft skills: project management, good communication, problem solving, leadership
- Languages: PHP, HTML, CSS, Python, Java, JavaScript
- Frameworks: Laravel, Angular, Django, Flask, Flutter
- Platforms: Cordova, SAP CRM, Spiceworks, WordPress, Postman, PgAdmin, VS Code
- Databases: MySQL
- Source control and code repositories: Git and GitHub
- Documentation
- Other: ML & AI, Data Science

## Links

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- LinkedIn - <https://www.linkedin.com/in/rodrick-sanhokwe-a5b528178>
- Portfolio - <https://rodrick.tronix-inc.co.zw/>
- GitHub - <https://github.com/Sunoque/>

## Languages

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- English - proficient
- Shona - native

## References

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### Lenard Simoyi

- ZETDC
- Chief Systems Analyst
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### Louis Mondo

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### Matthew Mvenge

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