

Professional Summary

My full name is Tinotenda Musikavanhu, but professionally, I prefer to be addressed as Tino. My passion for software development emerged when I aspired to establish my own business. In this endeavor, I learned how to develop iOS applications and collaborated with a team of skilled professionals, including a senior engineer. This experience served as my initial exposure to the tech industry and sparked my curiosity to explore further. Over time, I immersed myself in multiple programming languages, and I was fortunate enough to share my knowledge with a vast audience of over 30,000 followers on social media platforms. What began as simple projects utilizing online resources transformed into personally gratifying work, and I even ventured into the realm of tutoring.

Overall, my journey into software development has been one of self-discovery, learning, and growth. I am confident that my experience, coupled with my passion for technology, has provided me with a solid foundation to excel in this field.

Education

Harvard University Extension School - Bachelor of Arts - Computer science

An intensive and comprehensive course covering a wide range of computer science topics. Acquired expertise in multiple programming languages, including JavaScript , Sql , and C++, and gained hands-on experience in software development, algorithms, data structures, and artificial intelligence. Developed strong analytical and problem-solving skills, enabling the ability to analyze complex problems and develop effective solutions. Participated in collaborative projects and worked with diverse teams, fostering excellent communication and teamwork abilities. Completed the program with a solid understanding of computer science principles and practices, ready to apply this knowledge to real-world challenges.

PROFESSIONAL EXPERIENCE

Protatech - Software Engineer

Summary: Experienced Database Analyst and Developer with a proven track record of designing, developing, and maintaining complex databases for various applications. Adept at working collaboratively with cross-functional teams to understand business requirements and ensuring that database solutions meet those requirements. Possesses a strong ability to analyze and forecast potential database concerns, developing effective solutions and streamlining processes. Exceptional communication skills and proficiency in multiple programming languages including Angular, SQL, and Swift. Demonstrated success in enhancing client response time and delivering products ahead of schedule.

Career accolades:

- Analyzed and Foretasted Database concerns for the NFL's Employee management database on site at the Super Bowl. Executed more than 5,000 employee verifications, which Streamlined to 15% of all attendance to be assigned perfectly.
- Supported a new enterprise application in the Angular framework for risk management. Redesigned 75% of the existing database structure;Later shaped the product delivery to be assigned to the client two days earlier.
- Streamlined current bugs of employee management application directly with clients. Client response time and remedy now enhanced to be 20% faster with new hours of operation.

Safehaven - Software Engineer

Summary: Develop, maintain, and enhance Safehaven's software products using JavaScript and other relevant technologies. Collaborated with cross-functional teams including designers, product managers, and other developers to implement new features and functionality. Wrote clean, efficient, and maintainable code that adheres to industry standards and best practices. Conducted code reviews and provide constructive feedback to other team members to ensure high-quality codebase. Ensure that software products are tested thoroughly and perform optimally across various platforms and browsers. Stayed up-to-date with the latest trends and advancements in JavaScript and related technologies, and incorporate them into the product development process. Participated in the development of technical documentation, user manuals, and other related materials. Troubleshoot and resolve technical issues reported by users, and provide timely support as needed.

PORTFOLIO

- Algorithm Path Finder (<https://github.com/Musikavanhu/Path-Finder>) For a given node in a graph, this algorithm finds the shortest path between that node and every other node. If we stop the search once a given destination node has been reached, the shortest path from the starting node to the destination node can be constructed. For this project, this is the way I have implemented the search to be done. using React, Javascript, Html, CSS
- Tech Blog (<https://github.com/Musikavanhu/TechBlog>) Assembled a CMS (Content Management System) that allows users to upload blog posts. Users will also be able to view blog posts by other authors and filter them based on category. Standardized use of the Context API to manage the application state globally, adhering to a design pattern that closely follows Redux bulma, dotenv, express, Javascript, mysql2, sequelize, heroku, Html