Thabiso Shongwe

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https://www.linkedin.com/in/thabiso-shongwe/ | https://github.com/ClaydeThabiso

Summary

Final-year BSc Computer Science and Informatics student at the University of Johannesburg with hands-on experience **in C++, Python, Java, ASP.NET, SQL, and full-stack web development**. Skilled in **designing, developing, and deploying efficient, scalable applications**, mentoring peers, and solving complex programming challenges. Passionate about leveraging technology to create real-world solutions while continuously expanding technical expertise.

Education

University of Johannesburg,Bachelor of Science in Computer Science and Informatics   Expected 12/2026

- JBS Grit lab 2023 graduate

Experience

Grit lab intern, JBS(Johannesburg Business School)   October 2023 – Present

- Engaged in real-world business and technology challenges, collaborating with diverse teams to develop scalable solutions.
- Working on data-driven projects that applied AI and advanced technologies to solve complex problems.
- Developed critical thinking, resilience, and adaptability through rigorous training and mentorship.

Computer Science Tutor, Academy of Computer Science and Software Engineering (ACSSE), University of Johannesburg   February 2026 – Present

- Provide one-on-one and small-group tutoring in core Computer Science modules
- Simplify complex programming and theoretical concepts into clear, practical explanations
- Assist students with assignment preparation, exam readiness, and coding best practices

Projects

Banking Web Application   github.com/BankingWebApp

- Developed a banking web application to stimulate basic banking functionality allowing users to manage accounts and transactions.It provides a user-friendly interface for performing CRUD operations on customer information,account details and transaction records.
- Tools Used: C#, ASP.NET, SQL, HTML5, CSS3, Bootstrap 5

iSave-E-commerce-Shop   github.com/iSave

- iSave is a smart web-based platform offering energy-saving products and technologies to homes and small businesses. In an age where electricity costs are rising and climate change is a serious concern, this platform makes it easy for people to shop for energy-efficient products and get data-driven insights on how much energy and money they'll save over time.
- Tools Used: C#, ASP.NET, SQL, HTML5, CSS3, Bootstrap, JavaScript

BridgeBox   github.com/BridgeBox

- BridgeBox is a modern, gamified personal finance manager.It helps users manage their money by organizing funds into customizable "boxes" while making saving and spending fun through gamification elements like quests, rewards, and XP leveling.
- Tools Used: HTML5, CSS3, JavaScript, Bootstrap 5

VendorConnect   github.com/VendorConnect

- VendorConnect is a web-based platform designed to streamline the connection between vendors and event organizers. The system supports vendor registration, event applications, approval workflows, notifications, and administrative dashboards. Built using ASP.NET (C#) with a structured SQL Server database and Bootstrap for the frontend, the platform emphasizes secure data handling, role-based access control, and efficient tracking of vendor activities.
- Tools Used: C#, ASP.NET, SQL, HTML5, CSS3, Bootstrap, JavaScript

JBS 3D Unity lab

- Developed a unity simulation of the JBS grit lab
- Tools Used: UNITY 3D

More projects in GitHub:https://github.com/ClaydeThabiso

Technologies

Languages: C++, Python, Java, C#, SQL, VB.NET

Web Development: HTML, CSS, Bootstrap, ASP.NET, JavaScript

Technologies: .NET, Microsoft SQL Server, Unity, JavaFx, Overleaf,Git

Software Development: Object-Oriented Programming (OOP), Data Structures & Algorithms, Software Engineering Principles,MVC Architecture

References

Prof Abejide Ade-Ibijola (JBS-Grit lab)
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