

Thabiso Shongwe

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

Summary

Passionate and innovative Computer Science and Informatics student at the University of Johannesburg with a strong foundation in programming, problem-solving, and software development. Experienced in **C++**, **Python**, **Java**, **ASP.NET** and **web technologies**, with a keen interest in building efficient and scalable applications. Always eager to learn new technologies and take on challenging projects.

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.

Projects

Banking Web Application [github.com/BankingWebApp](https://github.com/ClaydeThabiso/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](https://github.com/ClaydeThabiso/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](https://github.com/ClaydeThabiso/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

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

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

References

Prof Abejide Ade-Ibijola (JBS-Grit lab)

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