

# MATTHEW WALDECK

Full Stack Developer

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📍 Cape Town



## SUMMARY

Dynamic BSc Information Technology professional with a transformative three-year journey, skilled in cloud computing, web development, enterprise programming, and systems analysis. Proficient in optimizing processes and enhancing user experiences. Passionate about driving innovation and seeking opportunities to contribute to organizational growth.

## EXPERIENCE

Full Stack Developer

[LOOM Property Insights](#) 🔗 <https://loom.co.za/>

📅 01/05/2024 – 31/08/2024

- Built a project at LOOM Property Insights with live data, handling both frontend and backend.
- Worked on Azure sprint tickets, conducted investigations, tested the system, assisted with deployment, and performed sanity checks.

## PROJECTS

**Resume:** 🔗 [\\_ \(mattwaldeck.github.io\)](https://mattwaldeck.github.io)

Tech Used:

VS Studio, BootstrapMade, Nodejs

## SKILLS

[-Java](#) [-Kotlin](#) [-RESTful API](#)

[-Web Development](#)

[-App Development](#) [-Nodejs](#)

[-Vuejs](#) [-SQL](#) [-Angular](#) [-C#](#)

[-Back-End](#) [-Front-End](#)

[-Full Stack](#) [-Azure](#) [-DevOps](#)

[-Azure Synapse](#) [-Visual Studio](#)

[-Visual Studio Code](#)

## CERTIFICATIONS

[-Azure Synapse Analytics For Data Engineers](#)

[-Microsoft Access 2019 Introductory Certificate](#)

[-Microsoft Certified: Azure Fundamental](#)

[-MTA: Database Fundamentals](#)  
[-C#- Complete A to Z Masterclass](#)

[-Microsoft SQL Server for Beginners With project](#)

## **PROJECTS**

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### **Biometric Facial Recognition Security App (Group Project):**

🔗 [GitHub - JacquesvdBerg/Axess: ITMDA Mobile App Assignment for Axess app - For user authentication in buildings](#)

Tech used:

Kotlin, Android Studio, Express API, Visual Studio, Gradle, Nodejs, MySQL

Collaborated on a team to develop a biometric facial recognition security application using Android Studio. Designed and implemented the user interface, incorporating intuitive features. Integrated advanced facial recognition algorithms for accurate and secure authentication.

Conducted rigorous testing and debugging to ensure reliability. Successfully delivered the project to a company, providing an innovative security solution. We delivered a cutting-edge security solution to our client, seamlessly integrating advanced facial recognition algorithms into an intuitive user interface.

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### **To-do List using Reactjs:**

Tech used:

JavaScript, React, Visual Basic IDE,

Database Independently programmed a to-do list application using CRUD operations. Developed the frontend with React on the Visual Basic IDE and utilized a database for data storage and retrieval.

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### **Airline Reservation System:**

Developed an airline reservation system using React.js and Visual Studio.

Integrated additional extensions and database functionalities to enhance user experience and efficiency.

## **SOFT SKILLS**

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- Communication
- Adaptability
- Time management
- Problem-solving
- Collaboration

## TRAINING / COURSES

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### Year 1 Courses (2021)

**Mathematics 1A** - Pass  
**Introduction to Programming-**  
Pass with Distinction  
**Procedural Programming** -Pass  
**Technical Writing and  
Communication** - Pass  
**Business English** - Pass with  
Distinction  
**Computer Network and  
Security** - Pass  
**Advanced Information and  
Computer Skills** - Pass with  
Distinction  
**Introduction to Mathematics A** -  
Pass  
**Human Computer Interaction-**  
Pass with Distinction  
**Introduction to Information  
Systems** - Pass with Distinction

### Year 2 Courses (2022)

**Web Server Management** -Pass  
with Distinction  
**Database Management System-**  
Pass  
**Data Structures and Algorithms in  
Java (elective)** - Pass with  
Distinction  
**IT Project Management** - Pass  
**Software Process, Architecture  
Design and Quality Assurance** -  
Pass  
**Database Systems Design,  
Implementation and Management**  
- Pass with Distinction  
**Programming in Java (elective)** –  
Pass  
**Network Security** - Pass with  
Distinction  
**Systems Analysis and Design** -  
Pass with Distinction

### Year 3 Courses (2023)

**Web Development and eCommerce** - Pass with Distinction  
**Project: Mobile Application and Web Services** - Pass with Distinction  
**Logistics and Supply Chain Management** - Pass  
**Soft Skills for IT Professionals** -Pass with Distinction  
**Cloud Computing: A Practical Approach** - Pass  
**Enterprise Programming in Java(elective)** - Pass  
**Industry 4.0** - Pass with Distinction  
**Object Oriented Systems Analysis and Design** - Pass  
**Operating Systems** - Pass with Distinction