Termille Maduna

General Job Title: Software Developer

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I am a results-driven Software Developer with a passion for problem-solving, innovation, and building impactful solutions. I graduated with distinction in Computer and Information Sciences from IIE MSA, where I honed my skills in software development, system design, and emerging technologies. I thrive in diverse environments, bringing creativity, efficiency, and a commitment to excellence to every project. My goal is to develop scalable, high-performance applications while continuously expanding my expertise in the ever-evolving tech landscape.

WORK EXPERIENCE

Schneider Electric (July 2023 – August 2023)
Vacation Worker: Marketing Communications

- I played a pivotal role in streamlining and optimizing the calendar management process for three separate marketing teams within the organization.
- Integrated the calendars of 3 teams, leveraging Microsoft SharePoint and Teams, and ultimately overlaying them on Outlook to ensure better collaboration, coordination, and visibility across departments.
- Project Management and managed a large part of the project lifecycle.
- CRM and Social Media Marketing and The Big 5 Construct South Africa.

Schneider Electric (July 2022 – August 2022)
Vacation Worker: Industrial Automation BU

- Opportunity to delve into industrial automation, gaining comprehensive insights into the industry and its cutting-edge technologies.
- EcoStruxure Mastery, acquiring in-depth knowledge of Schneider Electric's EcoStruxure platform, with a particular focus on EcoStruxure™ Machine SCADA Expert, EcoStruxure Automation Expert, and EcoStruxure™ Building Operation.
- Engaging with MES Systems and Databases.
- Industry Acumen, developing a thorough understanding of the industrial automation sector.

EDUCATION

IIE MSA: BS-Computer and Information Science (2022-2024)
Completed with Distinction

Full Bursary:
- Awarded a full bursary from Schneider Electric South Africa to complete my three-year degree program, recognizing my academic potential and commitment to excellence.

Academic Achievements:
- 17 total Distinctions
- Distinction in First and Second Years of Study: Demonstrated a high level of academic performance and dedication by achieving distinction in both the first and second years of study.
- Additional Bursary: Received an additional bursary from the institution for my second and third years, further acknowledging my consistent academic achievements and potential.

FRONT-END SKILLS

- HTML & CSS
- JavaScript
- Angular
- React.js
- React Native
- Next.js
- Tailwind CSS
- Material UI

BACK-END SKILLS

- Java
- NodeJS
- MongoDB
- MYSQL
- C# and .Net framework
- RestfulAPI's

Curro Waterstone College: National Senior Certificate (2017-2021)

Independent Examinations Board (IEB): Bachelors Pass

Accounting

Afrikaans First Additional Language

English Home Language

Information Technology

Life Orientation

Mathematics

Music

Certificates

EcoStruxure Plant Certified - IIOT Essentials

Schneider Electric

Issued Jul 2022 - Expires Jul 2025

Credential ID 54581559 https://scl.io/YFFOCOT

Projects

Personal portfolio website

Tech Stack: HTML, CSS, JavaScript

Description: Developed a **modern and responsive** portfolio website to showcase my **skills, projects, and experience**. The website includes an **interactive UI**, dark mode, and a contact form.

Features:

- **Custom animations & transitions** using CSS & JS
- **Responsive design** for mobile & desktop
- **Dark mode toggle** for better UI experience
- **Contact form integration** with Formspree

Live Demo: https://portfolio-website-three-liart.vercel.app/#home

GitHub Repo: https://github.com/Termille17/Portfolio-Website

Weather App

Tech Stack: React.js, OpenWeather API, Fetch API

Description: Developed a **weather forecasting app** using React.js that allows users to search for current weather conditions in **any city**. The app fetches **real-time weather data** from the **OpenWeather API** and **displays temperature**, **humidity**, **wind speed**, and **weather conditions** dynamically.

Features:

- **Search** for weather by city name
- **Displays** temperature, humidity, wind speed, and weather conditions
- **Responsive UI**

Live Demo: *https://weatherapp-codetma.up.railway.app/*
GitHub Repo: https://github.com/Termille17/WeatherApp

Full-Stack E-Commerce Store

Tech Stack: Next.js, JavaScript, Sanity.io, Stripe

Description: Developed a modern **full-stack e-commerce store** using **Next.js** for the frontend, **Sanity.io** as the headless CMS for product management, and **Stripe** for secure payment processing. This project showcases a **scalable and high-performance** online store with a seamless user experience.

Features:

- **Product Management** – Dynamic product listings powered by Sanity CMS.
- **Shopping Cart & Checkout** – Add to cart, update quantities, and process payments via Stripe
- **Secure Payments** – Integrated Stripe for seamless transactions
- **Responsive Design** – Optimized for mobile and desktop users
- **Order Management** – Track and manage customer orders
- **Next.js API Routes** – Handle backend logic for orders and payments
- **Sanity Studio Integration** – Easily manage products, categories, and pricing

Live Demo: https://code-tma-store-7rr4.vercel.app/
GitHub Repo: https://github.com/Termille17/CodeTMA_Store

References

Matamela Mhlanga

HR Business Partner - Schneider Electric

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