Layton Chetty *Golden Visa Holder - Readily Available*

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in linkedin.com/in/layton-chetty-9a7269265 ◯ Project Portfolio: github.com/Layt27

EDUCATION

University of Wollongong Australia (UOW)   September 2019 – April 2023
*Bachelor of Computer Science with Distinction - **GPA**: 3.6/4.0*

GEMS Cambridge International School Abu Dhabi   September 2015 – June 2019
High School Diploma

SKILLS

React • JavaScript • Next.js • Node.js • Tailwind CSS • Express.js • MongoDB • MySQL •
Python • Java • Git

PROFESSIONAL EXPERIENCE

DivSey Consulting, *Durban, South Africa*   May 2023 – July 2023
Frontend Developer Intern

- Developed a functional website using **HTML** and **CSS** that works with multiple browsers, significantly increasing reach by **55%**.
- Conducted testing and debugging to maintain the website's functionality.
- Utilized **Vercel** for deployment and **Git** for version control during the development process.

PROJECTS

E-commerce Web App, *Next.js, React, TypeScript, Tailwind CSS, Swiper, SQL, Vercel* ⧉
- Ongoing full-stack project.
- Currently working on the frontend.

Product Management Web App, *MongoDB, Express.js, React, Node.js, Vercel* ⧉
- Implemented a full-stack product management system using the **MERN stack**, allowing users to manage products with CRUD operations.
- Integrated **user authentication** using **JWT tokens**, ensuring that only authenticated users can access and modify product and user data.
- Designed and implemented **RESTful API** endpoints in Node.js and Express.js for seamless communication between the frontend and backend.
- Utilized React for the frontend to create a dynamic user interface, providing a smooth user experience for managing products and user information.

Store and Shopping System
- Developed a menu-driven program using **Java**.
- Utilized functional programming in a concise and structured manner.
- Conducted exception handling and debugging.
- Utilized **JavaFX** to develop a user interface for user functionalities.

- Collaborated with a team member to deliver and present the system, while maintaining effective communication throughout the project.

PUBLICATIONS

Advanced Interdisciplinary Applications of Machine Learning Python Libraries for Data Science, *IGI Global* ☒   September 2023

Layton Chetty. 2023. "Performing Facial Recognition Using Ensemble Learning." In Biju, Soly Mathew, et al., editors, Advanced Interdisciplinary Applications of Machine Learning Python Libraries for Data Science, IGI Global, 2023, DOI: 10.4018/978-1-6684-8696-2

ADDITIONAL QUALIFICATIONS

IBM Data Analyst Professional Certificate, *Coursera* ☒   December 2023

Academic Merit Scholarship, *UOW*   September 2022

LANGUAGES

English — Expert   **Arabic** — Beginner