Thanyani Katleho Denge

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Career Objective

Computer Science graduate with hands-on experience building full-stack applications using the MERN stack. Skilled in developing secure REST APIs, implementing authentication, and integrating automated testing and CI/CD pipelines. Seeking to contribute to a structured ICT environment while growing professionally.

Education

Bachelor of Science in Computing (Computer Science & Information Systems)
University of South Africa | 2020 – 2025

National Senior Certificate (Grade 12)
Kibler Park Secondary School | 2019

Certificates

- **Full Stack Development** - FNB
- **Introducing Generative AI with AWS** - AWS/Udacity

Technical Skills

- **Programming:** JavaScript, Python, C++
- **Web Development:** HTML, CSS, React, Node.js, Express.js
- **Databases:** MongoDB, SQL
- **Testing:** Jest, Supertest
- **DevOps & Tools:** Git, GitHub, GitHub Actions (CI/CD), Postman, Microsoft Office

Projects

Personal Web Portfolio

Live Site: https://tkdenge.netlify.app
GitHub: https://github.com/tkdenge/tkdengeportfolio

- Built and deployed a responsive portfolio using React and modern CSS, showcasing projects and GitHub activity.

ApplyHire - Job Application Tracker (Full-Stack MERN Application)

Live Site: https://applyhire.onrender.com
GitHub: https://github.com/tkdenge/applyhire

- Built a full-stack job tracking system using MongoDB, Express.js, React, and Node.js.
- Designed and implemented secure RESTful APIs with JWT-based authentication and protected routes.
- Developed comprehensive backend tests using Jest and Supertest, covering authentication and protected endpoints.
- Configured a CI pipeline using GitHub Actions to automate testing on every push.
- Integrated MongoDB test environment for reliable and isolated test execution.

CloudLeaf - Weather Web Application

Live Site: https://cloudleaf.netlify.app
GitHub: https://github.com/tkdenge/cloudleaf

- Developed a responsive weather application using API integration and geolocation
- Implemented asynchronous data fetching and state management in React
- Designed a clean and user-friendly interface using modern CSS

Professional Strengths

- Strong attention to detail and analytical thinking.
- Team player with excellent communication skills.
- Adaptable, results-driven, and self-motivated.