9/5/2023

KHANYA JARA
PERSONAL NUMBER (+27) 76 490 2903
ID NO-0208265158088
khanyajara@gmaill.com
7835 MOSHE KANTANI AVENUE,MANKURWANE,KIMBERLEY,8345

Objectives

To offer versatile media and marketing skills to be proficient in all skills,strong planner and problem solver and to readily adapt to any change

Education

Kimberley Technical high school
November 2020| higher certificate (Matric)

- English Home Language   56
- Afrikaans Additional   60
- Technical Mathematics   32
- Life Orientation   47
- Engineering Graphic Design   57
- Mechanical Technology   38

- Technical Science   32

NORTHLINK BELHAR CAMPUS 2
CIVIL AND TECHNOLOGY (ENIGINEERING)
N1 2022
- Building drawings N1 Trimester 2   -   74
- Building Science N1   Trimester 2   - 49
- Mathematics N1 Trimester 2 -50
- Plumbing Theory N1   Trimester 2 -   36

N2 2022
- Building drawing   Trimester 3 - 44
- BSC   Trimester 3 - 47
- Mathematics Trimester 3- 40

N3- Results pending for End of June 2023

2024
INTODUCTION TO INTERNET OF THINGS SHORT COURSE(IOT)
INTRODUCTION TO JAVA
INTRODUCTION TO C#

Experience

NONE-

Skills
- Hardworking
- Assertive
- Love drawings. Painting and Sketchers
- Building drawings

WHERE DO YOU SEE YOURSELF IN THE NEXT 5 YEARS

Graduating as an Architecture

And having my own engineering firm for the South African Youth

REFERENCE

MPHO MOTSAGE

Personal reference

0727826430

BONTLE KOTI

0672129528

ılıılıı Networking
cisco Academy

Certificate of Course Completion

Khanya Jara

has successfully achieved student level credential for completing
the Introduction to Internet of Things course.

The student was able to proficiently:

- Explain how IoT and Digital Transformation are positively impacting businesses and governments.
- Explain the importance of software and data for digital businesses and society.
- Explain the benefits of automation and artificial intelligence for digital transformation.
- Explain the concepts of Intent Based Networking.
- Explain the need for enhanced security in the digitized world.

Laura Quintana
Vice President and General Manager
Cisco Networking Academy

Scan to Verify

February 16, 2024

ılıılıı Networking Academy
cisco Verified

Introduction to
Internet of Things

4

Student: JARA, K
ID No: 208265158088
Student No: 132207130

Northlink College
Results

Subject Code	Description	Block	Year	Mark
2022 - T2				
BDRN1	BUILDING DRAWING N1	T2	2022	74
BSCN1	BUILDING SCIENCE N1	T2	2022	49
MATHN1	MATHEMATICS N1	T2	2022	50
PLBTN1	PLUMBING THEORY N1	T2	2022	36
2022 - T3				
BDRN2	BUILDING DRAWING N2	T3	2022	44
BSCN2	BUILDING SCIENCE N2	T3	2022	47
MATHN2	MATHEMATICS N2	T3	2022	40

COURSE CERTIFICATE

This is to certify that

Khanya Jara

has successfully completed the course by demonstrating
theoretical and practical understanding of

Introduction to Java

COURSE COMPLETED

sololearn

Yeva Hyusyan
Chief Executive Officer

Certificate CC-1QSXB2JT
Issued 15 May, 2024

COURSE CERTIFICATE

This is to certify that

Khanya Jara

has successfully completed the course by demonstrating
theoretical and practical understanding of

Introduction to C#

Yeva Hyusyan
Chief Executive Officer

sololearn

Certificate CC-FRF4W7FI
Issued 17 May, 2024

Languages

1. JavaScript

  - Purpose : Core language for building dynamic, interactive web applications.

  - Applications:

    - Used in both frontend (React) and backend (Node.js).

- Enables DOM manipulation, event handling, and AJAX for seamless user experiences.

   - Value: Universally used; learning JavaScript opens opportunities for web, mobile, and server-side development.

2. TypeScript

  - Purpose: Superset of JavaScript providing static typing for improved code quality.

  - Applications:

   - Helps catch errors during development rather than runtime.

   - Simplifies collaboration by making code easier to read and maintain.

  - Value: Reduces bugs and makes large-scale applications more manageable.

3. HTML & CSS

  - Purpose: Foundational languages for creating and styling web interfaces.

  - Applications:

   - HTML structures content (headings, forms, tables, etc.).

   - CSS styles and positions elements for responsive design.

  - Value: Essential for frontend development; learning advanced CSS frameworks (e.g., Tailwind) enhances designs.

4. SQL

  - Purpose: Language for managing and querying relational databases.

  - Applications:

   - Creating schemas, running queries, and managing structured data in PostgreSQL or MySQL.

- Ensures data consistency and relationships (e.g., for user management).

- Value: Necessary for applications requiring complex data relations.

5. NoSQL

  - Purpose: Database language for unstructured or semi-structured data storage.

  - Applications:

   - Used in Firebase Firestore or MongoDB for flexible, scalable data solutions.

   - Ideal for real-time updates and apps with dynamic content (e.g., chat applications).

  - Value: Faster development cycles and scalability for modern applications.

From React

1. Building User Interfaces (UIs):

  - React simplifies UI development with a component-based architecture.

  - Applications include dashboards, e-commerce interfaces, and data visualization tools.

2. Component-Based Architecture:

  - Breaks the UI into reusable components, improving maintainability and scalability.

3. State Management:

  - Hooks like `**useState**` and `**useEffect**` manage local state.

  - Libraries like Redux handle global application state.

4. Responsive Design:

  - Ensures that apps look and work well on various screen sizes using CSS frameworks or media queries.

5. UI Frameworks:

  - Libraries like Material-UI and Tailwind CSS speed up styling with pre-built, customizable components.

6. Routing with React Router:

  - Implements navigation within single-page applications (SPAs), allowing seamless transitions between views.

From Node.js

1. Backend Development with Express.js:

  - Lightweight framework for creating server-side applications and APIs.

  - Used for handling requests, routing, and middleware integration.

2. Asynchronous Programming:

  - Enables handling multiple requests without blocking the server, improving scalability.

3. Database Integration:

  - Connects to databases like MongoDB (NoSQL) or PostgreSQL (SQL) for data management.

4. Real-Time Applications:

  - Uses WebSockets to enable real-time features like chat apps or live updates.

5. User Authentication:

  - Implements secure login systems using JSON Web Tokens (JWTs) or OAuth protocols.

From Firebase

1. Backend-as-a-Service (BaaS):

  - Reduces backend development efforts with pre-built solutions.

  - Examples: Firebase Authentication, Firestore, and Hosting.

2. Firebase Authentication:

  - Provides ready-to-use user authentication systems with email, social, or phone-based logins.

3. Cloud Firestore:

  - A NoSQL database that stores data in a scalable, real-time format.

  - Ideal for applications requiring frequent updates (e.g., messaging systems).

4. Cloud Functions:

  - Serverless logic for handling backend operations without deploying traditional servers.

- Examples: Automating notifications or processing data changes.

5. Push Notifications:

  - Sends alerts or updates directly to users via Firebase Cloud Messaging (FCM).

6. Hosting:

  - Deploys web apps with high performance and global content delivery.

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1. Full-Stack Development:

  - Creating end-to-end solutions combining frontend (React), backend (Node.js), and database (Firebase or MongoDB).

2. Scalable Applications:

  - Ensuring apps can handle increased user demand by using scalable architectures.

3. Git and Version Control:

  - Managing code changes, collaborating on projects, and deploying using tools like GitHub.

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hoër tegniese skool

kimberley

technical high school

KIMBERLEY
HTS — THS
DEXTERITAS CUM CULTURA

Tel. No.: Skool/School   053 - 8613917
Faks/Fax   053 - 8613919
Supt. Beyers   053 - 8612844
Matrone/Matron   053 - 8612841
E-mail: htshoof@telkomsa.net

Verw/Ref:

Navrae/Enquiries:

Privaatsak/Private Bag 6003
HADISON PARK
8306

TESTIMONIAL OFKHANYAJARA

My name is Viki Mpompolas and I had the pleasure of being Khanya's English teacher for several years. Throughout the years, I came to admire and respect the young man that Khanya has become and am exceptionally proud of him. A young man like him, makes writing a testimonial like this very easy and an absolute pleasure.

Khanya is an extremely hard worker and always puts his best into whatever task he is faced with. In my English class, he was a very diligent and conscientious student who improved every year that I taught him, he would regularly produce work of great quality. He would accept constructive criticism gladly and was always hungry to improve wherever it was needed. He was a very quiet young man and although he may not have been as vocal as his peers, he was very reflective and observant and he displayed a quiet strength and wonderful insight, which was evident in many of the great prepared speeches and essays he produced. He was undoubtedly a "team player" which is a quality that will stand him in good stead in whichever future endeavours he wishes to pursue

Khanya is exceptionally polite and respectful and has a very warm, kind and caring disposition. He was popular among his peers and was respected by learners and teachers alike. Beneath Khanya's quiet, easy-going and unassuming nature, is a strong, motivated young man, who gives his all in whatever he chooses to undertake. He was also always willing to lend a helping hand wherever he could and became a young man on whom I could totally depend on. He can undoubtedly be described as a true gentleman in every sense of the word. He always treated me with the utmost care and gentleness and always had a kind word to say about everyone. He is extremely affable and has wonderful interpersonal skills.

I have absolutely no doubt that Khanya will be an asset to any institution or organisation. It has been my honour and privilege to be a part of this wonderful young man's life. I wish him all the very best and I know that he possesses all the qualities necessary to make a big success of his special life.

Sincerely

Miss Viki Mpompolas (*Departmental Head ̶ English Home and First Additional Language*)

Cell: 083 264 2398 / Email: vixie85@gmail.com