

Vuyo George Pontje

📍 1068 Schonkenville, Tumahole, Parys, 9585

📞 071 880 6199 | ✉️ vuyogeoge@gmail.com | 🇿🇦 South Africa

Career Objective

Ambitious and hardworking Candidate Engineering Technologist aspiring to build a career as a Electrical Technician/Technologist and grow into an Electrical Engineer. I hold a Bachelor of Engineering Technology in Electrical Engineering and a Higher Certificate in Renewable Energy Engineering. My passion lies in renewable energy systems, particularly in solar because I gained a lot of experince in power plant operations, maintenance, and electrical design. I seek to apply my technical knowledge, problem-solving skills, and hands-on experience to contribute to the efficient running of electrical related work while advancing sustainable energy development and working towards full professional registration with ECSA.

Personal Information

- Full Name: Vuyo George Pontje
- Nationality: South African
- ID Number: 0002085334080
- Date of Birth: 08 February 2000
- Gender: Male
- Marital Status: Single
- Health: Good
- Driver's Licence: C1 with PDP

Education

Bachelor of Engineering Technology in Electrical Engineering – Central University of Technology (2025)

Higher Certificate in Renewable Energy Engineering – Nelson Mandela University (2022)

Columba Leadership Academy – Sunwa River Lodge, Parys (2017)

Grade 12 / NSC – Yakhisizwe Secondary School, Parys (2019)

Certifications & Registrations

- Candidate Engineering Technologist – ECSA (Reg. No. 2025407186, 2025)
- Cisco Networking Academy: Introduction to Cybersecurity (2021)
- MATLAB & Simulink Fundamentals (2024)
- Solar Tracker Circuit Design (2024)
- NEMISA Digital Literacy (2022)
- AutoCAD, PLC Simulations, Relux, Reticmaster (2022 – present)
- PV Solar GreenCard – Accredited by SAPVIA (2025)
- Udemy: Operation and Maintenance of Solar Power Plant (2024)
- Udemy: Solar Energy with SketchUp, PVSyst, PVSol Premium, AutoCAD (2024)
- Udemy: Ultimate Electrical Power Protection, Control and Switchgear (2024)
- Online ORHVS Switching Course – Devoltage Training Centre (2025)

Technical Skills

- Electrical Design & AutoCAD
- Solar Draughting using AutoCAD
- EPLAN Skills for Panel Design & Electrical Schematics
- SCADA Monitoring for PV Plants, Weather Station, Hybrid & Substation data analysis
- Transformer Monitoring, Substation & Capacitor Bank Operations
- Fault Finding & Troubleshooting (PV, PCB, SCB, Inverters)
- Programming: C++, Python (Jupyter), Assembly, NI LabVIEW
- Electrical Maintenance, Wiring & Installations and Technical Report Writing
- Computer Literacy: MS Word, Excel, PowerPoint

Languages

English, Afrikaans, Sesotho, Setswana, IsiXhosa, IsiZulu, Sepedi

Work Experience

Electrical Team Leader – JASPER O&M PV Solar Power Plant - Nov 2025 - Present

- Led and supervised electrical maintenance teams to ensure safe, reliable, and continuous operation of the PV power plant.
- Executed plant maintenance in accordance with the O&M Maintenance Plan, including fault analysis, technical investigations, and implementation of corrective solutions.
- Performed and supervised electrical inspections, preventive maintenance, corrective maintenance, and thermographic inspections on PV plant equipment.
- Monitored PV plant performance using SCADA systems and supported fault diagnostics for inverters, PV modules, DC combiner boxes (SCBs & PCBs), transformers, and switchgear.
- Carried out LV, MV, and HV switching, isolation, earthing, and restoration in compliance with approved switching procedures.
- Coordinated inspections and maintenance of weather stations and assisted with SCADA equipment and communication systems.
- Supervised subcontractors, conducted risk assessments, issued permits to work, and ensured compliance with safety standards.
- Implemented and enforced Lock-Out/Tag-Out (LOTO) procedures and ensured strict adherence to Occupational Health and Safety Act requirements.
- Ensured correct use of PPE by all subordinates and conducted random safety inspections and audits on site.
- Managed daily work schedules, monitored timekeeping, work performance, and discipline of electrical assistants.
- Completed and verified daily, weekly, and monthly reports, inspection sheets, commissioning sheets, DSTI forms, and work orders.
- Reported, recorded, and followed up on plant defects, failures, incidents, and breakdowns to the Site Foreman and Plant Manager.
- Ensured housekeeping standards were maintained and all tools and equipment were correctly managed and secured after tasks.
- Mentored and trained junior technicians, electrical assistants, and students, providing technical guidance and safety coaching.
- Assisted in the development and implementation of new safe work procedures and continuous improvement initiatives.
- Maintained effective communication between Site Foreman, Plant Manager, Safety Manager, and O&M teams.

Work Experience

Electrical Internship – LETSATSI O&M PV Solar Power Plant (Sept 2024 – Present)

- Performed preventive maintenance for smooth solar plant operations.
- Troubleshoot inverters, PV modules, DC combiner box (SCB's and PCB's) faults.
- Monitored and analysed performance (of PV and Inverters) using SCADA systems.
- Supported transformer operations, substation equipment and Weather Station Sensors.
- Switching of LV and MV switchgears for isolating and earthing the transformer or Line.
- Power block insulation replacement and Connecting of the PV Modules.
- Technical Report writing for preventives, correctives and breakdowns.

Electrical Student Lab Assistant – Central University of Technology (Feb 2023 – Nov)

- Guided students in breadboard electronic connections and Arduino programming.
- Assisted with motor connections, generator setups, and electrical safety.

Maintenance Worker – Superior Reality Company (Jan 2020 – Dec 2020)

- Handled electrical wiring, plumbing, roofing, painting, and yard maintenance.
- Supported renovation and staff transportation tasks.

General Worker – Mol Pro Consulting Construction (Jan 2018 – Dec 2018)

- Assisted with paving, cabling alignment, and construction site support.

Cashier & Stock Packer – Dome Meat Market Butcher Shop (Jan 2017 – Dec 2017)

- Managed customer transactions and organized stock displays.

References

Superior Reality Company – 073 206 3877 | superiorreality@telkomsa.net

Mol Pro Consulting – 051 448 8162 | admin@molprocon.co.za

Dome Meat Market – 056 817 7533

LETSATSI O&M PV Plant – Mr Thabo Motaung – Senior Technician - (078 885 4268)

Mr Franz Loff – Electrical Team Leader - (062 510 2828)

Mr Sandiso Witness Mbombi – Site Engineer – (076 655 8251)

Engineering Council of South Africa



E C S A

**This is to
certify
that**

Vuyo Pontje

is registered as

Candidate Engineering Technologist

in terms of the Engineering Profession of South Africa Act 2000
(Act No. 46 of 2000)

Date 2025-06-13

**Registration
Number** 2025407186

President

Chief Executive Officer



ECSA-00164187

This is to certify that
Vuyo G Pontje

ID Number 0002085334080

Attended training **D**evoltage **E** Learning **P**latform
and displayed the appropriate skills and knowledge that led
them to be assessed at the completion
of the course and found
COMPETENT as AUTHORISED PERSON
Regulations for Medium/High Voltage Systems

The aforementioned person was provided training in a course developed specifically for
THE ELECTRICAL INDUSTRY US 242766/NRS040/ISO9001
Which provided instruction and assessment based on the following related competencies:

- **Background to the OHS Regulations**
- **Access into electrically dangerous Areas**
- **Issue of Keys**
- **ARC and Burn Protection**
- **Reasons for Isolating and earthing**
- **How to use Work Permit System**
- **Levels of Supervision**
- **Close Proximity**
- **Risk Assessment**
- **Operating Principles**
- **Operating instruction Forms**
- **Abnormal conditions and Exceptions to the General Rule**
- **Laws regarding commissioning and Testing**

Assessor Name: **Dewald Greyling** Date Valid Till : 28th AUGUST 2028

Assessor Signature:  Certificate Number : **DEVOL5255**

IT REMAINS THE RESPONSIBILITY OF PERSONS ACCEPTING THIS CERTIFICATE TO PROVE ITS
VALIDITY WITH DEVOLTAGE TRAINING



SAIEE 3161 –RV4

This validation is for 3 CPD points



Certificate Nr. 30052401-1



Reg No. ENER – Dleva 100210
(awaiting QCTO accreditation)

THIS CERTIFICATE AUTHORISES YOU TO DO OPERATING ON HV/MV SYSTEMS UNDER SUPERVISION OF THE ELECTRICAL ENGINEER
FAMILIAR WITH THE AREA ELECTRICAL HV/MV NETWORK, THEIR S.O.P's and SANS 724:2010 COMPLIANCE
TO BECOME AUTHORISED OPERATOR, YOU MUST COMPLETE YOUR PORTFOLIO OF EVIDENCE AND HAVE IT ASSESSED,
THEN DO A PRACTICAL ASSESSMENT

**DEVOLTAGE TRAINING CENTRE MAY RETRACT THIS CERTIFICATE IF YOU ARE FOUND GUILTY OF CONTRAVENING ANY OF
THE REGULATIONS**



PVGreenCard

CERTIFICATE OF APPROVAL

This is to certify that

Vuyo George Pontje
0002085334080

has completed the prescribed assessments
and is now an approved PV GreenCard Installer

Mtho Xulu

Adv. Mtho Xulu, Chairperson, SAPVIA



Powered by:

SAPVIA
South African Photovoltaic Industry Association



Central University of
Technology, Free State

This is to certify that, all the requirements having been satisfied, the
**BACHELOR OF ENGINEERING TECHNOLOGY IN
ELECTRICAL ENGINEERING**

has been conferred on

VUYO GEORGE PONTJE
0002085334080

*in terms of the SAQA Act (Act 58 of 1995) and the HE Act (Act 101 of 1997) together with all rights and privileges
connected thereto*

with effect from

01 January 2025

I CERTIFY THAT THIS DOCUMENT IS A TRUE REPRODUCTION (COPY) OF THE
ORIGINAL DOCUMENT WHICH WAS HANDED TO ME FOR AUTHENTICATION.
I FURTHER CERTIFY THAT, FROM MY OBSERVATIONS, AN AMENDMENT
OR A CHANGE WAS NOT MADE TO THE ORIGINAL DOCUMENT.

SIGNATURE: _____

FORCE NUMBER: _____

NAME: **R. T. PANYANE**
7052133-6
ARGENT

SUID AFRIKAANSE POLISIEDIEN
COMMUNITY SERVICE CENTRE
PARK ROAD
2025 -08- 17
PARKWEG
GEMEENSKAPSDIENSENTRUM
SOUTH AFRICAN POLICE SERVICE

Vice-Chancellor and
Principal

Institutional Registrar

Dean



220021469 | 27782910-01-HQN8

Scan code on reverse to authenticate that this is a genuine paper

CENTRAL UNIVERSITY
OF TECHNOLOGY




NELSON MANDELA UNIVERSITY

This is to certify that, all the requirements
having been met, the

Higher Certificate in Renewable Energy Engineering

with all the associated rights and privileges
was awarded to

Vuyo George Pontje
ID no.: 0002085334080

CERTIFY THAT THIS DOCUMENT IS A TRUE REPRODUCTION (COPY) OF THE ORIGINAL DOCUMENT WHICH WAS HANDED TO ME FOR AUTHENTICATION I FURTHER CERTIFY THAT FROM MY OBSERVATIONS AN AMENDMENT OR A CHANGE WAS NOT MADE TO THE ORIGINAL DOCUMENT		
		
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MAGSNOMMER		RANG
FORCE NUMBER	0456751-0	RANK W/O
NAAM IN DRUKSKRIF		
NAME IN PRINT	WD FOURIE	

at a congregation of the Nelson Mandela University on

3 May 2022

Certificate no.: 20226006

SOUTH AFRICAN POLISIEDIENS
CRIME PREVENTION
PARKROAD
2025 -08- 17
PARKWEG
MISDAAD VOORKOMING
SOUTH AFRICAN POLICE SERVICE


Vice-Chancellor


Registrar



CERTIFICATE OF PV GreenCard Training



SOLAR
TRAINING CENTRE SA

Vuyo George Pontje

ID: 0002085334080

SUCCESSFULLY ATTENDED THE PV GREENCARD COURSE

The PV GreenCard training was brought to you by the Solar Training Centre.

DAY 1: 23 June 2025

INTRODUCTION TO PHOTOVOLTAICS

CERTIFY THAT THE ORIGINAL DOCUMENT
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WHICH WAS HANDED TO ME FOR AUTHENTICATION
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DOCUMENT

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HANDTEKENING SIGNATURE

MAGSNOMMER
FORCE NUMBER 0456751-0 RANG
NAAM IN DRUKSKRIF RANG, W/O
NAME IN PRINT WD FOURIE

DAY 2-4: 24-26 June 2025

SOLAR PV DESIGN AND INTEGRATION

SOUTH AFRICAN POLISIEDIENS
CRIME PREVENTION
PARKROAD
2025 -08- 17
PARKWEG
SOUTH AFRICAN POLICE SERVICE

DAY 5: 27 June 2025

SOLAR PV PLANNING, INSTALLING AND COMMISSIONING

CPD NO: ICMEESA347-25

Faure van Schalkwyk
Facilitator : Faure van Schalkwyk



REPUBLIC OF SOUTH AFRICA

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[Signature]
HANDTEKENING SIGNATURE

MAGSNOMMER
FORCE NUMBER 0456751-0 RANG
NAAM IN DRUKSKRIF RANK W/O
NAME IN PRINT WD FOURIE

National Senior Certificate

Awarded to

VUYO GEORGE PONTJIE



Identity number 0002085334080

Exam number 3192010370066

Subject

Sesotho Home Language
English First Additional Language
Mathematics
Life Orientation
Geography
Life Sciences
Physical Sciences

Achievement

%	level
74	6
59	4
66	5
71	6
63	5
69	5
73	6
***	*

This candidate is awarded the National Senior Certificate and has met the minimum requirements for admission to bachelor's degree, diploma or higher certificate study as gazetted for admission to higher education, subject to the admission requirements of the higher education institution concerned.

With effect from December 2019

M. S. RAKOMETSI
Chief Executive Officer

200 7190 8496 X



This certificate is issued without alterations or erasure of any kind



UMALUSI



Council for Quality Assurance in
General and Further Education and Training
South Africa

1 3 3 5 3 2 4

(See reverse for more information)

Date of Completion

23 April 2025

Your Partner in Legal Compliance
and Business Solutions

www.seesa.co.za

This is to certify that:

Vuyo George Pontje

Identity Number -

0002085334080



Attended:

Junior Management - Webinar

The contents of the training include:

Management Principles and Skills

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SIGNATURE: *[Signature]*
FORCE NUMBER: **7052133-6**
RANK: **ERGEANT**
NAME IN PRINT: **PANYANE**

Recommended Revision Period:

3 Years From Date of Issue

A handwritten signature in black ink, appearing to read 'A Desai'.

Ayesha Desai
Training Facilitator





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 NAME IN PRINT

SOUTH AFRICAN POLISIEDIENS
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PARKROAD
2025 -08- 17
PARKWEG
MISDAAD VOORKOMING
SOUTH AFRICAN POLICE SERVICE

This is to certify that
Vuyo George Pontje

ID Number:

000208 5334 080

has successfully completed the

Working at Heights

Monitor, report and make recommendations pertaining to specified requirements in terms of working at heights

US ID: 120362

NQF level 3

Credits 4

Date:

31/03/2025

Piet Claassen

(Facilitator)



ACC/20/04/00004

Expiry Date: 31/03/2027

WH/46/2025

DRIVING LICENCE SADC SOUTH AFRICA

CARTADE CONDUCAO
VC PONTJE

ID No: 02/0002085334080 HILE

Birth: 08/02/2000ZA Restriction: 0

Licence Number: 305200002028 No: 1

Valid: 05/07/2024 - 05/07/2029

Name: ZA

Code: C1
Vehicle restriction: U
First used: 08/07/2022

First driving period: C.P.
Expiry date: 05/07/2025



DRIVER RESTRICTIONS

1. None
2. Glasses / Contact lenses
3. Artificial limb

PROP CATEGORIES

4. Passengers
5. Goods
6. Dangerous goods

VEHICLE RESTRICTIONS

7. None
8. Automatic transmission
9. Intermittently powered
10. Physically disabled
11. Max > 10000 kg (GVW) permitted

A		A1		< 125 cc
B				GVW ≤ 3500 kg
C1				GVW ≤ 10000 kg
C				GVW > 10000 kg
EB		EC1		
EC		EC		



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FORCE NUMBER 0456751-0 RANG W/O
NAAM IN DRUKSKRIF WD FOURIE
NAME IN PRINT

SOUTH AFRICAN POLISIEDIENS
CRIME PREVENTION
PARKROAD

2025-08-17

PARKWEG
MISDAAD VOORKOMING
SOUTH AFRICAN POLICE SERVICE

 **REPUBLIC OF SOUTH AFRICA**
NATIONAL IDENTITY CARD

Surname:
PONTJE

Names:
VUYO GEORGE

Sex:
M


Nationality:
RSA


Identity Number:
0002085334080


Date of Birth:
08 FEB 2000

Country of Birth:
RSA

Status:
CITIZEN



Signature: 



Conditions: Date of issue: **30 JUL 2018**

This card has been issued by the Department of Home Affairs in terms of the Identification Act, Act 68 of 1997

If found please return to the Department of Home Affairs
For enquiry or verification purposes contact 0800 60 11 80

108097882





SOUTH AFRICAN POLISIEDIENS
CRIME PREVENTION
PARKROAD
2025 -08- 17
PARKWEG
MISLEAD VOORKOMING
SOUTH AFRICAN POLICE SERVICE

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MAGSNOMMER RANG
FORCE NUMBER **0456751-0** RANK **W/O**
NAAM IN DRUKSKRIF
NAME IN PRINT **WD FOURIE**

CERTIFICATE OF COMPLETION

This is to certify that

VG Pontje

ID **0002085334080**

has successfully completed the course

Digital Literacy - CUT

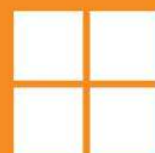
offered by NEMISA on Microsoft on April 18, 2022



COLAB DIRECTOR



NEMISA CEO



Microsoft



Certificate no: UC-40e4c754-12c1-42ff-a65b-3e73a320d943

Certificate url: ude.my/UC-40e4c754-12c1-42ff-a65b-3e73a320d943

Reference Number: 0004

CERTIFICATE OF COMPLETION

Operation and Maintenance of Solar Power Plant

Instructors **OSS Academy**

Vuyo George Pontje

Date **June 16, 2025**

Length **3.5 total hours**



Certificate no: UC-36aa338e-cb9a-4d72-ba13-dcbb1a0fdce3

Certificate url: ude.my/UC-36aa338e-cb9a-4d72-ba13-dcbb1a0fdce3

Reference Number: 0004

CERTIFICATE OF COMPLETION

Complete Solar Energy SketchUp, PVsyst, PVsol Premium, AutoCAD

Instructors **Education academy**

Vuyo George Pontje

Date **July 1, 2025**

Length **14 total hours**



Certificate no: UC-1090ff5c-1f45-4667-9866-54c4bc8522bb

Certificate url: ude.my/UC-1090ff5c-1f45-4667-9866-54c4bc8522bb

Reference Number: 0004

CERTIFICATE OF COMPLETION

Ultimate Electrical Power Protection, Control & Switchgear

Instructors **Amr Saleh**

Vuyo George Pontje

Date **Aug. 11, 2025**

Length **17 total hours**

CERTIFICATE OF ACHIEVEMENT

This certificate is presented to

Vuyo George Pontje

for successfully completing a Course about

Scada Software System Basics

Course Start Date: 2024-12-07

Certified No.

1067fc23



mindluster

Signature



www.mindluster.com



2025-01-26

Date

CERTIFICATE OF ACHIEVEMENT

This certificate is presented to

Vuyo George Pontje

for successfully completing a Course about

Solar tracker circuit design essentials

Course Start Date: 2024-11-23

Certified No.

7095ccca



mindluster

Signature



www.mindluster.com



2024-11-23

Date

Introduction to Cybersecurity

For completing the Cisco Networking Academy® Introduction to Cybersecurity course, and demonstrating the ability to explain the following:

- Global implications of cyber threats
- Ways in which networks are vulnerable to attack
- Impact of cyber-attacks on industries
- Cisco's approach to threat detection and defense
- Why cybersecurity is a growing profession
- Opportunities available for pursuing network security certifications

Vuyo Pontje

Student

Nelson Mandela University, North Campus

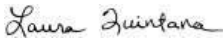
Academy Name

South Africa

Location

27 Jun 2021

Date



Laura Quintana
VP & General Manager, Cisco Networking Academy



Course Completion Certificate

Vuyo Pontje

has successfully completed **100%** of the self-paced training course

MATLAB Onramp



DIRECTOR, TRAINING SERVICES

16 February 2023



Course Completion Certificate

Vuyo Pontje

has successfully completed **100%** of the self-paced training course

Simulink Onramp



DIRECTOR, TRAINING SERVICES

19 July 2024