

CURRICULUM VITAE

I. GENERAL INFORMATION

Names: Pacifique TURABIMANA

Marital status: Single

Nationality: Rwandan

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II. ACADEMIC BACKGROUND

| Years | Institution | Award |
|----------------|--|--|
| 2017 - 2019 | Addis Ababa University/ Addis Ababa Institute of Technology | MSc Railway Engineering (Rolling Stock) |
| 2011- 2015 | University of Rwanda/College of Science and Technology | BSc Mechanical Engineering |
| 2007- 2010 | Upper Secondary School: ETO Kibungo | Professional certificate In Motor Vehicle Mechanics |
| 2004- 2006 | Lower Secondary School: Nyamirama Secondary School | Ordinary Level certificate |
| 1998- 2003 | Primary studies at Rushenyi Primary school | Primary leaving examination |

III. COMPUTER SKILLS

1. Computer Basics

Microsoft office (MS Word, MS Excel, MS PowerPoint, MS Access, MS Windows Explorer)

2. Computer maintenance

- Hardware Repair
- Software Installation and Repair (program installation and antivirus protection)

3. Computer networking

- LAN Cabling
- Client server configuration

4. Software skills

- ANSYS and LISA software for Finite Element Methods of materials
- MATLAB and Matlab Simulink for mathematical modelling, engineering works analysis and simulations.
- Computer Aid Design (CAD): the use of SolidWorks software
- Proteus software for Electronic simulation.
- LabVIEW Software for collecting experiments data using National Instruments (NI) and developing data logger.

IV. WORKING EXPERIENCES

- From September 2008 to December 2009, Technician in charge of maintenance at Rwanda Polytechnic - IPRC East former ETO Kibungo
- January 2010- July 2012: Motor Vehicle Mechanics teacher at Rwanda Polytechnic – IPRC East former ETO Kibungo;
- From 06th October 2014 to 28th May 2015, Part time Academic staff as a Workshop Assistant at University of Rwanda/College of Science and Technology, Nyarugenge Campus (UR-CST);
- From 02nd April 2015, head teacher of welding program and teacher of Basic Entrepreneurship at Vocation Training Center Charles de Jesus Kicukiro Campus;
- From 08th June 2015, Motor Vehicle Mechanics part time Teacher at Institute Baptiste de Buberuka (IBB);
- From 21st September 2015 up to date, Assistant Lecturer in Mechanical Engineering and Head of Department at Rwanda Polytechnic - IPRC Gishari;
- From 01st May 2016 up to date, Vice President of Learn Work Develop (LWD), a Non-Government Organization headquartered at Rwamagana District, Eastern province;
- From 03rd September 2017 to August 2019, Coordinator of Rwandan Students in Addis Ababa university
- From 04th November 2019 to date, Managing Director of a company named COCARR Ltd.

V. TRAINING OBTAINED

1. 2007, I was trained to become a computer user and operator in these three phases: Computer Basics, Computer Maintenance and Computer networking in Period of 3 months
2. 2012, I was trained for teaching Methodology as Teacher of TSS under supervised by WDA
3. 2014, I did my training in Akagera Business Group/Akagera Motors for Engine repair, gears box repair, differential repair, suspension, brakes, car maintenance (car services A, B and C), vehicle body repairing and I got also the skills of how to use intelligent tools/ diagnostic testing machines, repair manual for any car like Mahindra Bolero, Mahindra Scorpio, Toyota and each related works, since 20th May to 30th August 2014, with supervisor YANN DE WALQUE
4. I have been attending the training from 05th to 16th December 2016. That was focusing on Technical and Pedagogical skills for Practices with engine, practices with Megamacs, High voltages, Hybrid system, painting and using of hand measuring tools. By Berufsbildende Schule (BBS) Germersheim.
5. Four days in May 2016, Young African Entrepreneurs Summit for better Africa and to live in Africa we need. Organized by Africa Connect.
6. 2018, two months training at Ethiopian Railway Corporation (ERC), Addis Ababa Light Rail Transit (AALRT). Training was based on the railway vehicle maintenance which was divided into different categories. Safety and security, Rescue, Roofing system and Pantograph, Body and doors, Bogie and its components, Wheelset, use of re-profiling machine, and the use of measurement instruments.
7. 19th August, 2019 to 06th September, 2019 I was attending the TVET Training of Trainers for CBT/CBA

VI. THE PROJECTS CONDUCTED AND PUBLICATIONS

1. Design of Automobile Concrete Pump. It was published in June 2018, by recognized international journal “International Organization Science and Research Journal of Mechanical and Civil Engineering (IOSR-JMCE)”; www.iosrjournals.org
2. Development of the on-board intelligent measurement system of the railway vehicle wheel flange wear, paper published into international journal “<https://www.mdpi.com/1424-8220/20/1/303>”
3. Textbook of Technical drawing for technicians, book has published in Lambert Academic Publishing house in German on 17th March, 2020, http://www.morebooks.shop/bookprice_offer_02dacc36d64f7018cf1c126fc358f04b2595cd57?locale=gb¤cy=EUR
4. Modelling and simulation of the anti-skid control of railway vehicles braking system in curved railroads (Paper have submitted to the journal of rail and rapid transit but waiting the response)
5. Lifting and rotating bench for handicaps, 2016. It was a mini project I have supervised, was implemented and is ready used and installed at Gishari Integrated Polytechnic.
6. The engine pressurized sprayer pump. 2017, it was a mini project and is ready implemented at Gishari Integrated Polytechnic.
7. Design of Solar power plant to supply a train locomotive electricity with inter-city trip generation
8. Analysis of bogie frame with two side members for passenger Rail vehicle by using ANSYS Software

VII. DRIVING LICENSE

➤ Class: **B**

VIII. LANGUAGE SKILLS

| Language | Speaking | Writing | Listening |
|-------------|---------------|-----------|-----------|
| English | Good | Excellent | Good |
| French | Good | Good | Good |
| Kinyarwanda | Mother tongue | Excellent | Excellent |

IX. HOBBIES

- Praying soccer and other sport for full body
- Researches through internet
- Reading books

X. REFERENCES

1. SSP David KABUYE, Principal, Rwanda Polytechnic – IPRC Gishari, (+250788358081)
2. Dr. Celestin NKUNDINEZA, PhD., Assistant Professor of Railway Engineering, Addis Ababa University/Addis Ababa Institute of Technology, and Visiting Adjunct Research Assistant Professor, Department of Mechanical and Materials Engineering, University of Nebraska-Lincoln, NE, U.S.A (+251904388197)
3. NKURAYIJA Jean Marie, The Cancellor of Rwanda Embassy in Ethiopia, (+251967424163)

All above information is true.


TURABIMANA Pacifique