

ROBYN NDOVOYO HLATSHWAYO

OBJECTIVE

I Robyn Hlatshwayo, is looking for a position within the Mechanical Engineering Industry with a reputative company or organization that will transform me into a credible Engineer. I am an organized, attentive individual willing to learn, improve my skills and qualities to the best of my abilities to make a positive impact within an organization. With a bachelor's degree in mechanical engineering, I would like to be placed in a company which I can use my technical skills and leadership qualities to the upliftment of the company and personal growth using the experience obtained from various organizations to leave a blueprint for the future generation.

SKILLS & ABILITIES

Technical

- Microsoft office
- Programming (Fluid Sim, Logo soft and Arduino)
- Computer Aided Drawing (CAD) / Inventor
- Simulation of software
- Workshop (welding, drilling, lathe operation, milling)
- Critical thinker and analytical person
- MS Projects

Management

- Project management
- Organize meetings.
- Create tutoring classes through zoom and contact.
- Managing a Tutoring service provider
- Managing under pressure

Communication

- Presenting project to non-technical and technical individuals
- Providing lessons to students
- Presenting design proposals in an organization

EXPERIENCE

Bavarian Motor works (BMW): March 2023-Current

Graduate Quality management March 2023-May 2024

Specialist Quality Engineer June 2024 – Current

- **Quality Management**
- Problem Management Process (PMP)
- Quality Steering of Loop 0 & RK1
- Quality risk management
- Process disturbance (Toque tool failures)
- Monthly, weekly quality reports (DPR-Direct Pass Rates, RMU and general quality reports)
- Quality Risk management
- Complex problem analyses
- Quality tools (FMEA, PDCA, ISHIKAWA, PQM, IPS-Q & FASANA)

Clayville Nutritional (Sanulac-Lactalis) –March 2022-February 2023

Project Engineer reporting directly to the Projects and CI Manager

- **Project Management**
- Scoping
- Timelines
- Budget
- Commissioning
- Risk management
- Sourcing suppliers/contractors

Resolution Circle: May 2021-March 2022

Graduate intern within the company which provides training to Engineering students and other departments.

- Boiler making – welding, drilling,
- Automation – programming
- Fitting and Turning- lathe, milling, coupling, pump assembly,
- Electronics – software programming and hardware programming
- Carpentry - designing and manufacturing wood projects.

PepsiCo: Dec 2017 – Jan 2020

The company was the bursary provider for my qualification obtained at the university of Johannesburg, therefore on school holidays it was required that we do vacation work as assistance to engineers within the company. The contract ended when I completed the Qualification.

- Designing
- Maintenance
- Inspection
- Manufacturing/building

EDUCATION

University of Johannesburg – BEng Tech-Hons in Mechanical Engineering (2022)

- Design project, Fluid mechanics, Workshop practice
- Strength of materials, Stress analyses, Refrigeration system
- Turbo machines, Thermodynamics, Mechanics of machines

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Amogelang Secondary School – Matric (2016)

- Mathematics, Geography, Life orientation
 - Physical sciences, life sciences, English (FAL)
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ARCHIEVEMENTS

- Debate Certificate, Truman Student Accommodation (2017)
 - Deputy President, Amogelang Secondary (2015)
 - Academic Project Coordination 2020 & 2019
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GOALS

- To be registered with the Engineering Council of South Africa (ECSA)
 - To be a recognized Engineer in an organization in three (3) years to come
 - To safely and successfully manage a project that brings positive impact/profit to the business.
 - To be able to identify and work with machines that do mass production in the industry.
 - Align my Engineering skills to the fourth industrial revolution (4IR)
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REFERENCE

- **Available upon request**