Brenden Wesley Jacobs - CV

About Me

Hello! I'm Brenden Wesley Jacobs, an experienced Electrical Design Manager and Designer based

in Port Elizabeth, South Africa. With a National Diploma in Electrical Engineering from Nelson

Mandela Metropolitan University and extensive experience in both technical and managerial roles, I

bring a comprehensive skill set to every project I undertake.

My professional journey started as an Electrical Technician at S4 Integration, where I honed my

skills in basic electrical design, system installation, and client support. I quickly progressed to the

role of Electrical Designer, taking on responsibilities that include providing detailed diagrams and

designs, technical assistance, and collaborating closely with engineers to solve complex problems.

I am proficient in EPLAN Electric P8, C, and Visual Basic programming, and I excel at electrical

panel building and fault finding. My expertise extends to all areas of Microsoft Office, making me

well-equipped to handle both the technical and administrative aspects of electrical design projects.

Beyond my professional life, I have a passion for technology, gaming, movies, and travel. Although I

don't get to travel as often as I'd like, I enjoy exploring new places and cultures whenever I can. I am

dedicated to continuous improvement, both in my work efficiency and in leading a healthy, balanced

lifestyle.

Feel free to reach out to me for any electrical design projects or collaborations. I'm always open to

new opportunities and challenges!

Personal Data

Title: Mr

Surname: Jacobs

First Names: Brenden Wesley

ID Number: 9405175176082

Student Number: 214050084

Date of Birth: 17/5/1994

Marital Status: Single

Drivers Licence: Code B

Criminal Record: None

**Contact Details** 

Cell: 0820808911

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Education

Secondary Education

Newton Technical High School, Matriculated 2012

**Tertiary Education** 

Nelson Mandela Metropolitan University, National Diploma in Electrical Engineering, Graduated

2019

Completed the EPLAN Electric P8 basic training course

## Skills

- Electrical design
- Hardware selection and compiling bill of materials
- Proficiency in EPLAN Electric P8

- Proficiency in programming in C and Visual Basic
- Electrical panel building and fault finding
- Proficiency in all areas of Microsoft Office including Excel, Word, and PowerPoint

**Previous Work Experience** 

S4 Integration - Electrical Technician

December 2016 to April 2018

- Basic electrical design on site
- Ordering of installation hardware
- Install electrical and electronic systems to meet applicable standards and codes
- Test and inspect systems upon completion of installation to assure quality and proper operation
- Provide continuous support to clients including being available for call outs as required
- Analyze drawings for the purpose of determining the efficient installation of new systems
- Coordinate with senior technician and/or other trades for the purpose of completing projects and work orders efficiently
- Diagnose causes of problems or failures for the purpose of identifying equipment and/or systems repair

S4 Integration - Electrical Designer

May 2018 - Present

- Providing diagrams and designs for the installation of electrical systems to meet applicable standards and codes
- Providing the material specifications as well as other requirements for the fabrication and installation process
- Provide technical assistance and resolution when electrical or engineering problems are encountered before, during, and after construction

- Assemble electrical and electronic systems and prototypes according to engineering data and

knowledge of electrical principles using hand tools and measuring instruments

- Modify electrical prototypes, parts, assemblies, and systems to correct functional deviations

- Set up and operate test equipment to evaluate performance of developmental parts, assemblies,

or systems under simulated operating conditions and record results

- Collaborate with electrical engineers and other personnel to identify, define, and solve

developmental problems

- Build, calibrate, maintain, troubleshoot, and repair electrical instruments or testing equipment

- Analyze and interpret test information to resolve design-related problems

Contact

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