



# **CURRICULUM VITAE of STEPHEN NAPIER-JAMESON**

## **MULTI-DISCIPLINED DRAUGHTSMAN**

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48A Aldred Street, Albertville, Randburg, Johannesburg, 2195, South Africa

### **PERSONAL INFORMATION**

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Identity Number:	751026 5053 083
Nationality:	South African
Age:	50
Home Language:	English
Marital Status:	Married
Criminal Record:	None
Drivers Licence:	EB

### **PROFESSIONAL SUMMARY**

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Multi-disciplined Draughtsman with over 25 years of experience delivering accurate, high-quality 2D and 3D design solutions across multiple engineering disciplines, including mechanical, structural, piping, sheet metal, electrical, control & instrumentation, fire protection, and residential layouts. Highly confident in both 2D drafting and 3D modelling, with a strong ability to interpret engineering requirements and translate them into clear, practical, and build-able drawings. Known for reliability, attention to detail, and a solutions-driven mindset, with the ability to work effectively under pressure and integrate seamlessly into multidisciplinary teams.

### **CORE COMPETENCIES**

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- 2D CAD Draughting & Detailed Technical Drawings
- 3D Modelling & Assembly Design
- Multi-Discipline Draughting (Mechanical, Structural, Piping, Sheet Metal, Electrical, C&I, Fire Protection)
- Design Documentation & Drawing Control
- Engineering Interpretation & Design Accuracy
- As-Built Drawings & Redline Updates
- Problem Solving & Practical Design Solutions
- Standards Compliance & Quality Assurance
- Team Collaboration & Cross-Discipline Coordination
- Time Management & Deadline-Driven Delivery

## **WORK EXPERIENCE**

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### **SNJ DRAUGHTING, JHB FREELANCE DRAUGHTSMAN OCTOBER 2022 - PRESENT**

- **TOUCH TEQNIQUES ENGINEERING SERVICES**
  - **PROCONICS / ESKOM / DOT MULTI FIRE / THAKADU PROJECTS / HARMONY MINE**
    - Junction boxes.
    - Floor plans.
    - Loop diagrams.
    - Switch location maps.
    - Network system architecture.
    - Other technical schematics.
  - Upgraded website.

### **AVENG AUTOMATION & CONTROL SOLUTIONS (ACS), JHB DRAUGHTSMAN MAY 2008 - SEPTEMBER 2021**

- Drawing up of external dimensional layouts and features, internal mechanical layouts and internal equipment layouts for 3CR12, mild steel or stainless steel distributed control system (DCS) & emergency shut down (ESD) cabinets. Same operation/drawings for Fire & Gas & Mimic panels including design of Mimic face.
- Drawing externals & internals of smaller panels as mentioned above incl'd. basic on/off/mode/status panels.
- Designing and drawing up cable management brackets for network cabinets to route Ethernet cabling.
- Cabinet brackets from measuring surrounding structure and equipment; drawn in sufficient views or creating the bending schedule for the part for sheet metal cutting and bending.
- Desk designs & layouts for control rooms and operator stations.
- Detailed system architectures to show how the layered computer network connects all equipment in the plant/field.
- Electrical diagrams and block diagrams.
- Machine health monitoring systems including diagrams, where all sensors are situated on equipment and connect back to the panel. Equipment drawn in block form or realistically as a flow diagram or with detail.
- Drawing up of Fire/Gas/Mimic reticulations/architectures to show how the equipment & panels connect in the plant/field.
- Sample handling system flow diagrams including external dimensional, internal mechanical layouts and internal equipment layouts of the stainless steel cabinet/s.
- Measuring up equipment in system's workshop and valve workshop to design applicable brackets or just to record an As-Built.

- Assisting on site with cable/wire routing or in the workshop with equipment population of cabinets including preparing wire for wiring of cabinet/s.
- Designing engraved Traffolyte labels, signs, etc. for panels.
- Creating source and destination tags then printing on a Grafoplast printer.
- Creating purchase requests & tracking incoming Panel Workshop stock including basic administration.

**VAC AIR TECHNOLOGY, JHB  
DRAUGHTSMAN  
AUGUST 2000 - APRIL 2008**

- Design and as-built drawings of small scale pipe reticulations (ranging from 2" to 8" pipe diameters) for conveying of product to collector points continuing into discharge of product. Collector points designed according to product. Design and as-built drawings for spillage cleaning reticulations, material transport reticulations and conveyor belt cleaning reticulations.
- Designing and drawing, by self or with the help of the technical department team, vacuum units ranging from 3kW electric units to 120kW diesel units (stationary or mobile).
- Designing and drawing up, including drawing of certain as-built features, of vacuum trailers and horse driven trailers both for dry product application and/or wet product application. One example being the Johannesburg water 12 cu meter capacity waste product truck.
- Designing and drawing up, again by self or with the help of the technical department team, of dust suppression systems (panels and systems) for mining and industry.
- Drawing up of electrical circuit diagrams generated in the electrical department for all of the above.
- Drawing up of hydraulic diagrams mainly for the above mentioned trucks.
- Basic structural steel for collector structures c/w cat-ladders, kick-plates, etc.
- Sheet metal designing and drawing; bending schedules for cutting and bending.

**RAWLINS WALES & PARTNERS, JHB  
DRAUGHTSMAN  
JUNE/JULY 2000**

- Power reticulations.
- Lighting.
- Smoke detection.
- Communication.
- Security (CCTV).
- Layouts for various large scale projects.

**HALL & LONGMORE, JHB  
DRAUGHTSMAN  
MAY 2000**

- Revising and updating plot plan for proposed additional mill.

**EDCON, JHB**  
**DATA CAPTURE**  
**JANUARY 2000**

- Single project temporary work.

**ROSE LANDSCAPING, AUSTRALIA**  
**LANDSCAPER ASSISTANT**  
**1998**

- Working on private homes and realty projects.

**CARECRAFT, NEW ZEALAND**  
**BASIC CARPENTRY**  
**1997**

- Building occupational aids and appliances from raw material to finished product.
- Packaging.
- Occasional help with the accounting work.

**JAMESON & ASSOCIATES, JHB**  
**TRANSCRIBING & BOOKEEPING**  
**1996 & 1999**

- Transcribing tape recorded interviews.
- Creating & maintaining computerised cashbook.

**EDUCATION**

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**MODENA - AUTODESK PLATINUM PARTNER, JHB**  
**STUDENT**  
**APRIL 2022**

- Autodesk Inventor Fundamentals Certificate.

**ACADEMY OF ADVANCED TECHNOLOGY, JHB**  
**STUDENT**  
**APRIL 2016**

- Autodesk AutoCAD 3D Advanced Certificate.

**ACADEMY OF ADVANCED TECHNOLOGY, JHB**  
**STUDENT**  
**1999**

- Hi Technology Project Engineering Draughting Certificate & AutoCAD Certificate.

**DAMELIN COMPUTER SCHOOL, JHB**  
**STUDENT**  
**1995**

- Diploma in Business Computing.
- Diploma in Book-keeping.

**CRAWFORD COLLEGE, JHB**  
**STUDENT**  
**1994**

- Matriculated with higher grade.

**SKILLS**

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- Autodesk AutoCAD.
- Autodesk Inventor.
- Solidworks\* (Should take me a month to familiarise myself with the interface. Same Logic as Inventor)
- Graphic Design Applications.
- Microsoft Office.

**INTERESTS**

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- Reading.
- Mountain Biking.
- Tennis.
- Chess.
- Learning guitar.

**REFERENCES**

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**THABO MATONA (PR, Tech Eng)**

- AVENG AUTOMATION & CONTROL SOLUTIONS (FIRE & GAS ENGINEER)
- TOUCH TECHNIQUES ENGINEERING SERVICES (OWNER)

**ENGINEERING EXECUTIVE**

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**DANNY PRETORIUS**

**VAC AIR TECHNOLOGY (NOW LIQUIDATED)**

**CHIEF DRAUGHTSMAN**

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