

KIANNA SKELLY

250-318-8959

Kianna.Skelly1@gmail.com

[LinkedIn](#)

SKILLS & ABILITIES

Leadership & Communication

- Collaborate with multiple departments to ensure projects stay on schedule
- Prepare detailed schedules, technical reports, and documentation for clients and team, ensuring on-time delivery of all deliverables
- Train new employees on procedures and safety, leading by example
- Team player, but able to work independently without supervision

Mechanical & Shop Skills

- Design and fabricate manual and motorized theatrical practical effects
- Skilled with identification and use of a wide range of hand and power tools

IT Systems, Software, and Electrical Circuits

- Install, document, and manage large networks of AV equipment
- Configure local area networks (LAN) for IP control and firmware updates
- Experienced with electrical repair and troubleshooting

EXPERIENCE

Mechanical Designer | BBA | June 2023 – Current

- Develop mechanical layouts for new and existing copper, gold, and iron mines
- Produce 3D models, 2D GA drawings, BOM, and other design documentation
- Model custom layouts including mills, tanks, conveyors, and bridge cranes
- Coordinate with multi-disciplinary teams to ensure clash-free installation
- Conduct 3D model reviews with client, incorporate feedback throughout design
- Optimize layouts for workflow efficiency, safety, and constructability
- Track equipment, schedules, and deliverables using ERP tools

CNC Machinist | Zaber Technologies | May 2022 – September 2022

- Machined precision aluminum and steel parts using CNC mills and lathe
- Verified GD&T measurements with precision metrology equipment
- Tracked product quantities and schedules using ERP software

Machine Shop Hand/Jr CNC Operator | Focus Mfg. | March 2021 – September 2021

- Machine precision aluminum, steel, and brass parts using CNC mills
- Managed multiple machining operations, and coordinate orders with external anodization vendors; performed QC before and after shipments and adjust
- Packaged parts and scheduled deliveries, maintaining clear communication with customers to ensure on-time shipment

EDUCATION

Diploma in Mechanical Engineering Technology (Design)| BCIT | 2021 – 2023

- CAD, Manufacturing & Materials, Statics & Dynamics (FEA), GD&T, Calculus

TECHNICAL THEATRE EXPERIENCE

Production Technical Director | Vancouver BC | Oct 2016 – March 2020

- Managed venues, rehearsal spaces, equipment rentals, and crew schedules for multiple productions, maintaining clear communication and deadlines
- Translated design concepts into safe, practical, and budget-friendly setups, using CAD to ensure compatibility of lighting, set, and sound
- Supervised installation crews ensuring safety and quality, mediated conflicts

Theatrical Technician/Head Electrician | Kamloops & Vancouver BC | 2014 – 2020

- Planned and installed lighting, sound, and rigging systems for theatres and events, troubleshooting under tight deadlines while remaining calm and solution-focused
- Directed teams of 5–20 technicians, assigning tasks to match individual strengths, maintaining safety standards and promoting teamwork and positivity
- Maintained equipment inventory, documented rentals and consumables
- Collaborated with rental clients to adapt designs and meet artistic and technical requirements, balancing creativity with practical limitations

Key Highlights:

- Freelance work across major venues (Orpheum, Queen Elizabeth, BC Place); Arts Club credits include: *“Mamma Mia!”* and *“Beauty and the Beast”* (2018)
- Experience managing complex technical projects, schedules, and multidisciplinary teams—directly transferable to engineering project management.

CERTIFICATIONS

- LGBTQ2+ Workplace Inclusion Certificate – Pride At Work Canada | Dec 2022
- Operator Safety Training for Boom Lift and Scissor Lift, Level 2 | August 2018
- Fall Protection Awareness - Leavitt Machinery | August 2018
- LPEC (Live Performance Electrical Certificate) | May 2016

PERSONAL PROJECTS & HOBBIES

- Precision Tilt Projector Mount
- HDPE shiplap door panels for 27' Catalina sailboat
- 1/2" PVC Garden Box Tomato Supports
- Irregular quadrilateral kitchen counter insert
- Yamaha 9.9 HP outboard engine (diagnose icy carburetor and leaking fuel pump diaphragm, perform engine and gear oil change, borescope inspection)
- I enjoy playing music, water and snow skiing, time on the beach, and video games!