**Genaro D. Felicelda  
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**QUALIFICATIONS SUMMARY:**

• Working knowledge of theories, methods, techniques, materials, tools and equipment used in the assembly, installation, configuration, calibration, adjustment, testing, inspection, maintenance, repair, and operation of various devices and machines related to electronics, electrical, electro-mechanical, audio-visual (mixing consoles, audio/video switcher, effects processors, audio/video playback system, wireless microphone system, video editing system, video cameras, big screens, and projectors), hydraulic & pneumatic systems, programmable logic controllers (PLC's), closed loop servo systems, AMX, Extron and Creston control systems, AC/DC motors, automation systems (including MATV/CCTV, PABX, Telephone/PABX, surveillance camera, fire alarm, intercom, and public address systems), telecommunication systems, monitoring & testing equipment, and PC/networking system (desktop PCs, laptops, servers, routers, hubs, switches, modems, UPS units, printers, copiers, etc.).

• Ability to fault isolate, diagnose, troubleshoot and correct faulty equipment, components, devices, or system malfunctions using technical knowledge, visually checking work against work instructions, blueprints, operating & service manuals, mechanical drawings, and electrical schematics - using proper hand tools, power tools, rivet tools, air tools, precision measuring devices, and specialized test equipment (multi-meter, clamp tester, ammeter, signal tracer, signal meter, spectrum analyzer, signal analyzer, network analyzer, signal generator, frequency counter, oscilloscope, etc.); Looking for worn-out, damaged, faulty, or malfunctioning parts, any unusual behavior of moving components, any signs of misalignment, improper belt or chain tracking, checking proper engine and pump oil levels, damaged or burnt out wirings, loose terminal connections, checking correct drive amperages, etc.; Implementing corrective action to be taken: tightening of loose parts, cleaning, lubricating, calibrating, repairing, overhauling, replacing of defective motors and/or rebuilding (replacing worn out motor brushes, bearings, gears, pulleys, etc.), and replacing of defective components, boards, modules, etc.); Performing de-soldering and soldering of thru holes and surface mounted parts as needed in troubleshooting down to the sub-assembly/PCB level.

• Ability to install, test, calibrate, maintain, upgrade, modify, and document system configurations of machine tools, equipment, and machines; Conduct performance tests using recommended measurement activities & established test procedures - to determine accuracy of equipment.

• Ability to give support and assists in the design, development, production, testing, operation and upgrades that are needed to improve the performance of components, equipment and systems.

• Working knowledge of Windows and Mac operating systems, MS Office Suite, CAD applications, software tools (troubleshooting and protection utilities, anti-virus & back up programs, remote access applications, IT networking systems & protocols, network monitoring & support systems, IP video quality monitoring systems, network management software, etc.), Cloud technologies, device driver, program issues, and creating of digital & social media content.

• Good reading comprehension and verbal communication skills in English, good public relations skills, good attention to detail and task organizational skills; Operate well in a team environment, establishing and maintaining effective working relationship with team members and others.

**WORK HISTORY:**

**Job Title:** Freelance Electro-mechanical Tech, Audio-visual Technician

**Company Name:** Fgphoto/video-concepts, Honolulu HI/ Kent, WA

**Start Date - End Date:** 08/02/08 - Present

**Job Description:**

• Providing system integration solutions and services covering various equipment and devices related to video productions, audio-visual, teleconferencing, IP surveillance camera system (using network video recorder or NVR to handle the recording in hard disc, sd card or the icloud), MATV, CCTV, telephone/PABX, fire alarm, intercom, public address, mobile disco & lightings, and PC/networking (desktop PCs, laptops, servers, routers, hubs, switches, modems, UPS units, printers, and copiers).

**Job Title:** Electro-mechanic Technician

**Company Name:** Crestek Cleaning Center, Inc., Kapiolani Blvd, Honolulu, HI 96814

**Start Date - End Date:** 12/02/13 - 4/19/18

**Job Description:**

• Performing after-sales services (testing, inspection, and verification of product function and documentation of test methods), assembly, setup, repair, and routine maintenance of commercial and industrial cleaning equipment (extractors & carpet equipment, sweeper machines, floor machines, automatic walk behind scrubbers, rider scrubbers, and industrial power washers).

• Identifying and determining problems and the corrective action to be taken in case of equipment hardware and/or software failure - usingproper hand tools, power tools, rivet tools, air tools, precision measuring devices, and specialized test equipment. (job includes troubleshooting, replacing and/or repairing of faulty boards or modules, valves, solenoids, switches breakers, bearings, gears, pulleys, regulators, actuators, compressors, vacuum motors, pumps, heaters, hydraulic and pneumatic control systems, variable speed motor controllers, faulty connectors and burnt out wirings), troubleshooting machines and devices down to the sub-assembly/PCB level.

• Maintain safe and clean working environment by complying with company, safety and security policies/procedures and OSHA guidelines (lock out- tag out, maintain MSDS sheets etc.).

**Job Title:** Hotel Maintenance Technician

**Company Name:** Aqua Bamboo Hotel, 2425 Kuhio Avenue, Honolulu HI, 96815, HI

**Start Date - End Date:** 3/17/14 - 10/29/14

**Job Description:**

• Responding/communicating with guests promptly and in a professional manner to resolve repair requests and technical maintenance issues they’re having inside or outside of their hotel room (PC/networking system, key card systems, kitchen and laundry appliances, furniture, cabinets, manual/automatic doors, windows, mechanical fixtures, electrical fixtures/lightings, lock boxes, TV sets, telephone sets, audio visual devices, packaged terminal AC units, and automation systems including MATV/CCTV, PABX, Telephone/PABX, surveillance camera, fire alarm, intercom, and public address systems.

• Maintain building structure & common areas by performing carpentry, painting, plumbing, and drywall repair including maintenance of generators, air compressors, HVAC & AHU units, water falls, Jacuzzis, swimming pool, SPAs, boiler & pump rooms and sprinkler systems.

• Maintain safe and clean working environment by complying with company, safety and security policies/procedures and OSHA guidelines (lock out- tag out, maintain MSDS sheets etc.).

**Job Title:** Satellite TV Installer, Part time

**Company Name:** Dish TV Hawaii (for Dish Network), Kapolei, HI 96707

**Start Date - End Date:** 3/17/14 - 10/29/14

**Job Description:**

• Installation, testing, configuring, and maintenance of technical equipment that delivers satellite television signals to subscribers (coordinating daily schedules with customers and planning installations by evaluating location, locating access, and laying out equipment/wiring plan; Driving to customer homes/business areas and establish cable satellite dish system - installing the dish for optimal reception, run and pull TV cable, ground and attach the dish using appropriate mounting hardware and ensure proper connection with switcher and receiver box; Programming and calibrating equipment; Demonstrating to the customer how the service works, i.e. showing how to use the receiver box and remote controls).

**Job Title:** Audio Visual Technician / TV Operator

**Company Name:** Princess Cruises Ltd, 24844 Ave. Rochefeller, Sta Clarita CA 91355

**Start Date - End Date:** 11/08/99 - 7/27/07

**Job Description:**

• Performing a wide variety of tasks involving devices and equipment related to electronics, electrical, electro-mechanical, audio-visual, computer, and telecommunication systems within the entertainment department and broadcast center, aboard an assigned vessel among Princess Cruises’ 14 international luxury cruise ships (re-assigned with every other vessel after every 10 working months and 2 month vacation).

• Performing troubleshooting, repair, maintenance, and operation of various devices related to TV broadcast system(routing switcher, mixing consoles, audio/video switcher, audio/video playback system, video editing system, etc.), satellite system(satellite dishes, antennas, amplifiers, splitters, decoders, encoders, monitoring & testing equipment, etc.), PC/networking (desktop PCs, laptops, servers, routers, hubs, switches, modems, UPS units, printers, and copiers), surveillance camera system (PC controller, DVRs, video multiplexers, PTZ controllers and indoor/outdoor cameras such as dome, PTZ, and bullet), Fire alarm system (fire alarm control panel, annunciators, power supply, heat detectors and smoke detectors), public address, MATV/CCTV, paging, intercom, telephone/PABX, key card, audiovisual,two-way radio, security equipment (metal detectors, baggage scanners, x-ray machines, A-pass machines, etc.) and Stage/theatre productions (wireless microphone system,effects processors, audio equipment, video cameras, big screens, projectors, DMX controllers & splitters, dimmer/power pack, AMX, Extron and Creston control systems, AC/DC motors, hydraulic and pneumatic control systems, variable speed motor controllers, programmable logic controllers, automated rigging systems, moving stage platform, lighting and audio control devices, closed loop servo systems, lighting console, intelligent lighting units, etc.).

• Identifying, troubleshooting, and correcting faulty equipment, system operational problems, and hardware problems; Performing other technical issues like wiring/cabling issues such as burnt out wirings, connectivity problems, and faulty connectors; Test, pull/run or rewire cables (Cat5e, Cat6, RJ45, RG59, and RG60) as required for new equipment installations and/or office reconfiguration.

• Perform software and data management (which includes backups, data imports and file maintenance routines); Maintain inventory of parts, supplies, and repair history logs.

**Job Title:** Electronic Engineering Technician

**Company Name:** British Aerospace Forces Sports Club & Housing Complex

Riyadh, K.S.A.

**Start Date - End Date:** 08/04/97 - 08/31/99

**Job Description:**

• Performing installation, testing, configuring, troubleshooting, repair, maintenance, and operation of various devices related to electronics, electrical, electro-mechanical, automation systems (including MATV/CCTV,surveillance camera, fire alarm, public address, paging, intercom, telephone/PABX, and key card systems), audio-visual system (mixing consoles, audio/video switcher, effects processors, audio/video playback system, wireless microphone system, video editing system, video cameras, big screens, and projectors), satellite system (Satellite dishes, antennas, amplifiers, splitters, decoders, encoders, monitoring & testing equipment), two-way radio, and Stage/theatre productions(DMX controllers & splitters, dimmer/power pack, AMX, Extron and Creston control systems, hydraulic and pneumatic control systems, programmable logic controllers, automated rigging systems, lighting and audio control devices, closed loop servo systems, lighting console and intelligent lighting units, etc.), and PC/networking (desktop PCs, Laptops, servers, routers, hubs, switches, modems, UPS units, printers, copiers, etc.).

• Performing repair and regular maintenance inspections on major pieces of equipment such as generators, air compressors, HVAC units, air handling units (AHUs), including periodical maintenance of boiler & pump rooms, sprinkler systems, and automatic gate controllers.

• Conducting routine cleaning and maintenance of water fall, Jacuzzi tub, and swimming pool (vacuuming the bottom of the pool, cleaning the skimmer and pump basket, cleaning the deck, adjusting to correct pool water level, tile repair/maintenance, adjusting to correct pool water chemistry, and configuring, adjusting, cleaning & maintaining the pool pump and filtration system).

• Maintaining all power tools and test instruments in good working condition and keep up-to-date on materials, manuals and tools.

• Accomplishing written detail of work performed on work order forms and other documents; Maintaining inventory of repair history, machine parts, manuals, and always update requisition of needed parts and other supplies so that stock can be maintained and replenished;Following all company’s safety and security policies and procedures; Reporting any maintenance problems, safety hazards, accidents, or injuries and properly store flammable materials.

**Job Title:** Owner/Electronic Engineering Technician

**Company Name:** Mabini Electronics & Video, Baguio City, Philippines

**Start Date - End Date:** 06/01/87 – 06/30/1997

**Job Description:**

• Performing shop repairs covering various equipment and devices related to electronics and electro-mechanical, audiovisual system (mixing consoles, audio/video switcher, effects processors, audio/video playback system, wireless microphone system, video editing system, video cameras, big screens, and projectors), and PC/networking (desktop PCs, laptops, servers, routers, hubs, switches, modems, UPS units, printers, and copiers).

• Performing hotels and accommodation jobs involving repair and regular maintenance of generators, air compressors, HVAC units, air handling units (AHUs), boiler systems, pumps, and automation systems (including CATV, CCTV, telephone &PABX, surveillance camera, fire alarm, intercom, & public address systems).

**Job Title:** Electro-tech Instructor

**Company Name:** BETI College of Technology, Baguio City, Philippines

**Start Date - End Date:** 06/06/84 - 03/27/87

**Job Description:**

• Teach electro technical subjects (i.e. Principles of Electricity, Electrical Circuits, Principles of Electronics, Basic Electronic Troubleshooting, Advance Electronic Troubleshooting and Principles of audio visual systems).

**EDUCATION:**

**Institution Name:** San Nicolas National High School, Ilocos Norte, Philippines

**Major:** High School

**Start Date - End Date:** 1974 - 1978

**Institution Name:** Saint Louis University, Baguio City 2600, Philippines

**Major:** B.S Electronics and Communications Engineering

**Start Date - End Date:** 1978 - 1984

**Member:** The Society of Broadcast Engineers (SBE)

(The association for broadcast and multimedia professionals)

Chapter 16: Seattle, WA 981099102

**Member:** Audio-visual and Integrated Experience Association (AVIXA)

**LANGUAGE SKILLS**

Ability to read, write, speak, and understand English; Ability to communicate effectively and professionally with other departments, guests, and vendors; Able to diplomatically handle difficult situations and people.

**IT SKILLS**

Working knowledge of Windows or Mac Operating Systems,Internet navigation, email, MS Office, utility tools, anti-virus & back up programs, Remote Access Applications, Cloud technologies, network monitoring tools, device driver and program issues, and creating digital & social media content.

**TECHNICAL TRAINING**

AVIXA: Essentials of AV Technology

Harman Professional University: Intro to Control Design

MTCI:(Autodesk Authorized Training Center): AutoCAD; Adobe Premiere; Adobe Photoshop;

3D Studio Max

Crestek Cleaning Center: Hazard Communication Standard

ASHI: CPR, AED, and Basic First Aide; Bloodborne Pathogens

MTCP: Elementary First Aid, Fire Prevention and Fire Fighting and Personal Survival Techniques

**REFERENCES**

Agnes Bayudan Crestek Cleaning Center, General Manager, tel. 808-3916446

Craig Matsura Agua Bamboo Hotel, Area Chief Engineer, tel. 808-2272578

Edmund Coloma Agua Bamboo Hotel, Lead Maintenance Tech., tel. 808-542-8243

Magsaysay Corporate Office Princess Cruises contact agent in the Philippines, tel. 0632-5268888

Registrar’s Office Saint Louis University, Baguio City, Philippines, tel. 063-74-4422793

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