

# Ashish Regmi

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*A results-driven professional with 5+ years of experience in the Food and Beverage industry, 1+ Years in manufacturing and Carwash environment in Canada* along with commercial sectors. Skilled in design, operation, maintenance, Installation, and project management, with expertise in service/install/maintenance for multidisciplinary project delivery.

## EXPERIENCE:

### Service/Installation Technician

*Jan 2026 - Current*

*National Carwash Solution, ON, Canada*

- Removal, retrofit, installation, and commissioning of automated & Brush car wash systems for major clients (Shell, Circle K, Independent), ensuring compliance with technical standards and successful client handover.
- Perform field service, preventive maintenance, and troubleshooting of mechanical, electrical, plumbing, and control systems to minimize downtime and protect revenue-generating operations.
- Interpret schematics and technical drawings to program and integrate HMI controls, supporting accurate system setup and optimized performance.
- Execute projects using multidisciplinary skills (mechanical assembly, electrical wiring, plumbing installation), delivering installations on schedule and reducing labor cost overruns.
- Travel extensively for service calls and project completion while managing tools, inventory, and reporting technical or safety issues to improve efficiency and risk control.

### Maintenance Technician

*Jan 2025 – Jan 2026*

*Airfoam Industries, Paris, ON, Canada*

- Reduced equipment downtime by **15%** through CMMS-driven preventive maintenance, saving an estimated **\$50K annually** in lost production.
- Ensured uninterrupted plant operations by maintaining boilers and utilities, supporting production valued at **\$5M+ annually**.
- Extended equipment lifespan by **20%** by troubleshooting and repairing mechanical, electrical, and hydraulic systems.
- Improved production efficiency by **10%** through collaboration with operators and optimized changeover processes.
- Upheld WSIB and company safety standards, contributing to a **zero lost-time incident record**.

### Industrial Engineer

*Feb 2021 - July 2023*

*CG Brewery Pvt Ltd., Nepal*

- Improved production efficiency by **10%** through collaboration with operators and optimized changeover processes.
- Spearheaded a **preventive maintenance** program for the beer bottling conveyor, cutting breakdowns by 20% and improving production reliability.
- Accelerated team productivity by **training new engineers** on AutoCAD design and process workflows, reducing onboarding time and errors.

- Engineered and **commissioned a new utility line** for the energy drink plant, enabling early project to start and operational readiness ahead of schedule.
- Directed operations of a 2MW steam turbine and 24TPH water tube boiler with DM/RO plant, ensuring uninterrupted **power and steam supply for plant operations**.
- Led initiatives to improve energy efficiency and process performance, enhancing incinerator and boiler operations, **reducing fuel consumption**, and **supporting sustainability goals**.
- **Planned and executed CAPEX projects** including a fire hydrant system installation, high-pressure pump setup, and successful fire drill testing, ensuring full compliance with safety standards.
- Optimized inventory and procurement processes using SAP, streamlining material bookings for critical equipment like compressors and loaders.
- Implemented KAIZEN projects and automation solutions, reducing labor requirements and enhancing operational efficiency

### **Drawing & Fabrication Engineer**

**Feb 2021 - July 2023**

*Welcome Energy Pvt. Ltd., Nepal*

- \* Oversaw all the workers while preparing all the data & reports.
- \* Co-ordinated with customers and guided the technician & labor into works.

### **EDUCATION:**

Mechanical Engineering (2017)

Applied Energy Engineering (2023)

### **CORE COMPETENCIES & SKILLS:**

- **Mechanical Design:** Experienced in designing mechanical, electrical and plumbing systems.
- **Software:** AutoCAD, SolidWorks, RETScreen, Helioscope, SAP, ETAP
- **Building System Co-ordination:** Collaborated with architects and other engineering teams for seamless integration of Mechanical, Electrical and Plumbing systems.
- **Fieldwork and Supervision:** Highly experienced in on site machine installation, experienced in leading min. 10-man maintenance and project team to install and maintain the machine.
- **Project Management:** Experienced in handling the project from initiating logic notes, CAPEX to procurement, and execution of project.
- **Technical Documentation:** Engineering report, COGEN report for captive power plant.
- **Interpersonal & Analytical Skills:** Customer focused with analytical ability, Communicative, initiative, teamwork.
- **Other Skills:** Production optimization, troubleshooting, safety compliance, sustainability solutions for rotating machinery, mechanical systems, pipe fitting and welding.

### **PROJECTS:**

- Designed a **43MW hybrid plant** for Atikokan, Ontario, powering 1,260 homes, reducing 30% transmission losses, and ensuring energy independence under Prof. Ali Alnaggar ([\(21\) Ali Alnaggar | LinkedIn](#))
- Analyzed Drake Landing Solar Community, achieving 90% solar heating and 5-tonne annual GHG reduction per home under Prof. John Loncar ([\(21\) John Loncar | LinkedIn](#))