Hemant Kumar

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**EDUCATION**

**Operations** Ontario College Graduate Certificate

**Management**  Sept 2018- Apr 2019 Lawrence Kinlin School of Business, Fanshawe College

* Risk management
* Employee relations
* Quality assurance and Capstone operation processes.
* Supply chain management

**Practical Elements of** Ontario College Graduate Certificate **Mechanical Engineering** Jan 2018- Aug 2018

School of Applied Science and Technology, Fanshawe College

* Drawings, blueprint readings.
* Stick, MIG, TIG, Oxy-fuel gas and Robotic welding.
* Manual machining (Lathe and Milling) and Use of Vernier callipers, micrometer, dial indicators and slip gauges.
* CNC machining (FANUC), Programming with G and M codes, Tool and fixture offsets.
* CAD, solid works, MasterCAM.

**Bachelor of Mechanical**  Aug 2013-June 2017

**Engineering**

Chandigarh group of colleges Punjab, India

* Machine and engineering Drawings.
* Welding and Manual machining.

**EXPERIENCE**

* **Welder:** 10 months of experience as welder at Imperial Tools and Die Maker Etobicoke, ON.

**Responsibilities:** Metal fabrication and assembly using Gas Tungsten Arc Welding (GTAW), Gas Metal Arc Welding (GMAW) and other production welding including operations like cutting, bending, shearing, drilling etc. **May 2020 – Feb 2021**

* **Welder:** 7 months of experience as welder at RV Metalware INC. Newmarket, ON

**Responsibilities:** Metal fabrication using Gas Tungsten Arc Welding (GTAW), Gas Metal Arc Welding (GMAW) and other production welding including operations like cutting, bending and assembly etc. **Oct 2019 – April 2020**

* **Internship and Certification:** Leaders Valves Ltd Punjab, India

**Responsibilities** – Machining operations, cutting, grinding, welding operations, assembling and testing of valves. **May 2017-Jul 2017**

* **Certification** in CNC milling and Lathe (FANUC) from Central Institute of Hands and Tools, Punjab. Ran production on CNC lathes and mills (FANUC), controlling machine operations and conducting preventive maintenance **Jan 2017 – April 2017**
* **Engineering Intern at Isuzu Pvt. Ltd. Punjab, India:** Performs area clearance, verification of material equipment and Documentation and successive checks on products. **May 2015 – June 2015**
* **Supervisor health and safety awareness certification:** (Ministry of labor training module) **Mar 2019**

Learned duties and responsibilities of all stakeholders under Ontario’s Occupational Health and Safety in industries. MSDs, hazardous material, Safety equipment and related Health and safety procedures.

**PROJECTS FABRICATED**

* **Project Profile of graduate certificate** (PEM): Pipe vise prototype
* **Responsibilities –** Designed, welded and fine machined a Pipe vise prototype. It is an instrument to hold pipes firmly to perform various operations such as cutting, welding, facing, chamfering and turning. **Jan 2018-Aug 2018**
* **Project Profile of Bachelor**: Android controller four bar hexa **July 2017**

**Responsibilities** – Fabricated, engineered and welded a

Project based on four bar mechanism connected with four Hexa which was controlled by an app in phone.

* **Project Profile of graduate certificate** **(OPM):** Presented 2 different proposals with Cost Benefit analysis of flood prevention and water flow management to General manager of West Haven Golf course club, London ON. **Mar 2019-May 2019**

* **Fresh Connection (OPM):** A software in which company’s 4 departments were monitored (Supply chain, Operations, Purchase, Sales) and changes were made accordingly in 4 departments to bring company’s ROI in profit from negative. In this assignment our team finished 2 position in class.

**Skills**

* Welding (SMAW, GTAW, GMAW and Oxy Fuel welding and cutting)
* Spot welding and Stud welding.
* Assembly of parts, cutting, grinding, bending, drilling and shearing of material.
* Manual Machining (Lathe and Milling) CNC Operations Fanuc controllers (drilling operations, Cutting and grinding, Mailing, Materials and Hand tools)
* Inventory, Inventory Control, Math, Safety, Risk management, Sorting, and Troubleshooting
* Valid G license driver, Heavy lifting (70 lbs.)