

CURRICULUM-VITAE

DATE: 08 JUNE 2021

GAGANJEET SINGH
H.NO. - 2711, Gurdev Nagar,
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Career Objective:

To be potential resource to the organization where I can utilize all my skills & knowledge which would help the organization to grow & further enhance my growth profile. It would be my never-ending dedication to maintain the spectrum of integrity, honesty & character.

TOTAL ORGANISATIONAL EXPERIENCE:

5 years & 2 months of Experience.

(SIEMENS, FUJI, INVT, DELTA, LNT, PANASONIC, MIRLE, HUST, MULTISPAN)

Present Company:

SAKSHI INNOVATIONS PVT. LTD. (SAHNEWAL, LUDHIANA)
(SIEMENS, DELTA, INVT, FUJI)

Date Of Joining: AUGUST 2020

Designation: Automation Engineer

Location: Sahnewal

RESPONSIBILITIES

- Full Automation of Plant
- Automation (PLC + SERVO + HMI programming) of any kind of new SPM made in Plant.
- Any sort of troubleshooting in new Automatic machines and pre-installed machines.
- Basic Designing in solidworks.

- Panel Building guidance to electrical department.

Projects:

- Automatic foam cutting machine 2 axis (Servo)
- Automatic stapling machine
- Automatic PU foam pasting/glue machine 2 axis (servo)
- Automatic Float/ Gurmala pasting machine 5 axis (servo)
- Goods lift with overload detection.
- Label printing with glue pasting machine 4 axis (servo)
- Scada system for power press machines with excel Report Generation
- Screwing and tapping machines (servorised)
- Safety units installed on Power Presses.
- Shearing machine (servorised)
- Wiremesh spot welding machine (servorised)
- Raster cutting machine.

Earlier Companies:

AARGEE Automation & Control Mohali **(ABB, Delta, LNT, Panasonic, Mirle, Hust)**

Date of joining: JUNE 2020

Designation: Application engineer + Sales Engineer

Locations: Ludhiana.

RESPONSIBILITIES

- Technical support (programing –PLC, DRIVES, HMI, MOTION APPLICATIONS, CNC, INJECTION MOULDING, etc.).
- Sales & Marketing.

CHETNA HI-TECH ENGINEERS-LUDHIANA

(SIEMENS)

Date of joining: JUNE 2019 to MARCH 2020

Designation: Application Engineer

Locations: Ludhiana.

RESPONSIBILITIES

- PLC Programming [Digital logis + Servo Logics (AC servo + DC servo)]
- HMI Programming
- AC-Drive-Programming

Softwares using:-

- Simatic Manager
- Wincc flexible
- microwin old 200 series
- Microwin smart 200 series
- Tia portal (v13-v14-v15.1)
- V-assistant
- Starter

Projects

- 6-Axis plywood cutting machine (servo based)
- 2 axis plywood cutting machine (servo based)
- Roving frame -Spinning mill
- Broachine machine (Servo based)
- Sand Casting Machine
- Cut to length machines
- Pipe Bending machines
- Indexer machine (DC Servo based)
- Knitting machine (vfd based)
- Knitting machine (Servo based)
- Wire Rewinding machine (vfd based)

AARGEE Automation & Control Mohali

(Delta,LNT,Panasonic,Mirle,Hust,Multispan)

Date of joining: Apr 2017 to JUNE 2019

Designation: Application Engineer

Locations: Ludhiana.

RESPONSIBILITIES

- Plc Programming (Digital logics + Servo logics)
- Plc motion controller programming
- HMI Programming
- CNC Controllers
- Injection Moulding controllers
- AC Drive Programming
- Sensors
- Various Controllers (Temperature, Multi Function, etc)

Softwares using:

- WPLsoft
- PMsoft
- DOPsoft
- HCon
- Gefran
- Vfdsoft

Projects:-

- Pipe Bending Machine(Servo Based).
- Injection Moulding Machine(Servo based- Mirle Controller).
- Injection Moulding Machine (VFD based- Mirle controller).
- Jaw Cutting Of CNC Chucks(Servo Based).
- Cut To Length machines(Servo Based).
- Drill + Tap Machine(Servo Based).
- Multiple Drill station Machine.
- Feeder for Hydraulic Press (Servo Based).
- Automatic Hydraulic Press.
- Knitting Machine (Servo Based).
- Stapler Machine (Servo Based).

- CNC retro fitting (Hust Controller + Servo based).
- Shift based Machine Monitoring system (Production, Breakdown, etc.).
- Drive installations (VFD + Servo)
- Detection Sensor installation on Robots.
- Motion controller Based CNC Production Machine (Servo Based).
- Rotary Table for Jaw cutting.
- Automatic Broaching Machine.
- Automatic centerless Grinder.
- Monitoring System for Water Purifier Plant.
- Chuck Grooving Indexer Machine.
- VFD drive panels.
- Servo drive panels.
- Fully automatic Chamfering machine
- Multiple drilling (Servo Based)
- Drilling Indexer (servo based)
- Wax molding machine

Crown Castings ludhiana **(Delta)**

Company:	Crown Castings
Serving Date:	Apr' 2016 to Apr' 2017
Designation:	Engineer
Location:	Ludhiana

RESPONSIBILITIES

- Maintenance of all Machines
- Retro fitting new Machines
- Plc Programming
- Panel Building

Software used:

- WPLsoft
- DOPsoft

Education Qualification:

NAME OF EXAM	SCHOOL/INSTITUTE	%AGE/CGPA	BOARD/ UNIVERSITY & YEAR
B.Tech. (Automation & Robotics Engg.)	Gulzar college of Engineering, Khanna	71.4%	PTU (2016)
+2	M.G.M. Public School, Ludhiana	60%	CBSE (2012)
10 th	M.G.M. Public School, Ludhiana	7	CBSE (2010)

Industrial Training and Events:**Training:**

- 6 weeks training course on Integrated Automation at IATC (SIEMENS Authorized Training Centre) Panchkula.
- KUKA Robot Programming- Basic Level & Robot Simulation.
- 6 months training program in Robotics Education World, Mohali.
- Advance training in CAD/CAM & CNC Machines (AutoCAD, Solidworks, CNC Turning, CNC Milling & Delcam).

Events:

- Attended national conference on “Nano Technology”, workshop in “Robotics”.
- Won prizes in different college fest like:
 - 1st position in ROBO-WAR at IIT Jodhpur.
 - 2nd position in ROBO-SOCCER at IIT Delhi
 - 1st position in LINE_FOLLOWER at Baba Farid Group of Institutions, Bathinda.
 - 2nd position in ROBO-SOCCER at SUS College, Tangori.

Strengths:

- Good communication and presentation skills.
- Dedication and honesty.
- Coordination ability and team spirit.
- Hardworking.
- Soft-spoken, Friendly and Optimistic.
- Management Skills and Leadership Quality.

Personal Details:

- Father’s Name: Mr. RUPINDER SINGH
- Mother’s Name: Mrs. BALWINDER KAUR
- Date of Birth: 17 Dec 1993
- Languages: English, Hindi and Punjabi.

Declaration:

- I hereby declare that the information stated above are true and correct to the best of my knowledge and belief.

GAGANJEET SINGH