



ABHILASH JAIN

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OBJECTIVE

To associate myself with an organization that has the potential for future growth and ample scope of learning. I would be able to deliver the best of my knowledge and utilize the skills for impressive performance for the growth of organisation.

QUALIFICATIONS FULL TIME

Course	School/ College	Board/ University	Year of Passing	Percentage of Marks
B.Tech	Raj Kumar Goel Institute of technology, Ghaziabad UP	Uttar Pradesh Technical University	2015	77%
Intermediate	B.D.S.Vidya Mandir, Noida UP	CBSE	2010	63%
S.S.C	B.D.S.Vidya Mandir, Noida UP	CBSE	2008	75%

EMPLOYMENT DETAILS

- loyal technologies pvt. ltd.

Design Engineer (Feb 2019- Present)

INDUSTRIAL KNOWLEDGE

- Solar PV simulation for sizing and design, Shading Analysis,solar pv performance analysis, efficiency/ ROI Calculations, Preparation of drawings: Layout/ SLD,BOM Preparation, Participating in technical Discussion with customer/consultant, Onsite commissioning support,competency in rooftop project, electrical design, SLD and layouts, string monitoring/combiner box,DC/AC Cables, inverter selection, BOQ preparation, system & cable sizing,earthing and lightning design.**
- MECHANICAL TESTING**-Lock intensity, Terminal strength, Tensile strength test, Elongation, Lay Length, Shrinkage test, Thermal ageing, Heat shock test, Compression, pin pull etc.
- ENVIRONMENTAL TEST**- Thermal stability, Temperature voltage test, Temperature rise, High and low

temperature test, Heat resistance test, Thermal shock, Constant humidity, vibration test, operational endurance test.

- **ELECTRICAL TESTING**- Functional test, Operating voltage, Over load test, Fuse blow test, Short circuit to ground, Over voltage, Power up, Reverse voltage, Continuity testing(Load testing), IR testing, Withstand Voltage test, CR testing, Glow Light test etc.
- **INSTRUMENT AND MACHINE KNOWLEDGE**- Vernier Calliper, Micrometer, Kelvin double bridge, Tensile testing machine, Climatic chamber, Thermal shock, Vibration machine, Oven, Rain chamber machine, Waterproof chamber, Electronic load and source, withstand voltage tester, Megohm meter, High current source machine, Multimeter, Clamp meter, Nano voltmeter etc.
- **PROCESS**- Injection moulding, Bunching, Laying, Insulation, Sheathing, Rewinding, Coiling and Printing etc.
- **DOCUMENTATION**- Daily, weekly and monthly report.
- Knowledge of **UL and ISI wire**.
- Knowledge of **Power Cord**.

Software: PVsyst, Autocad, Helioscope, google SketchUp.

CERTIFICATE TRAINING

- 2 months training on Solar Design from Advance Electrical Design and Engineering Institute.

PROJECT EXPOSURE

BS-IV POWER DISTRIBUTION BOX

JCB (Onsite)

Aug 2017 to Jan 2019 (Full Time)

ALL ELECTRICAL, ENVIRONMENTAL, MECHANICAL TESTING OF POD BOX WHICH IS USED IN ENGINE COMPARTMENT.

DIODE ASSEMBLY

Swaraj Mazda Ltd. (Onsite)

Aug 2017 to Jan 2019 (Full Time)

this is a diode assembly which is used in cabin compartment for electrical power DISTRIBUTION. i have done all electrical mechanical and environmental testing.

Rooftop Solar Project

sonipat (Onsite)

Mar 2019 to Apr 2019 (Full Time)

designing, installation and commissioning of plant

Rooftop Project

rooftop customer (Onsite)

Apr 2019 to May 2019 (Full Time)

rooftop solar plant at mayur vihar phase 3

COMPUTER SKILLS

- Ability to successfully provide hardware/software/network problem analysis and resolution.
- Good knowledge of **MS Office Suite (XP, 2007, 2010): MS-Word, MS Excel, MS-Powerpoint, MS Outlook.**
- **PVsyst, Autocad, Helioscope, google SketchUp.**

INTERESTS

- Management and operations work.
- To deliver Presentations of a new task and Project.
- Designing of solar power plant.

PROFESSIONAL SKILLS

- Good inter-personal communication skills.
- Good analytical and decision making ability.
- Able to work under pressure of schedule dead lines.
- Superior motivation & management skills.
- Easily adaptable to any working environment

PERSONAL PROFILE

- Date of Birth: 29th of June 1993
- Father's Name: Shri Ramesh Jain
- Permanent Address: A-4/89 New Kondli Delhi-110096
- Religion: Jainism(Hindu)
- Languages known: Hindi and English
- Marital Status: Unmarried
- Hobbies: Teaching, Travelling

DECLARATION

I here by declare that the above-mentioned information is correct up to my knowledge and I bear the responsibility for the correctness of the above-mentioned particulars.

Work experience

Ukb electronics Quality engineer	14/10/2015 — 10/08/2017
Motherson sumi systems ltd Testing engineer	14/08/2017 — 02/02/2019
loyal technologies pvt ltd Design Engineer	03/02/2019 — present