

# SUYASH SINGHAL

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## CAREER OBJECTIVE:

Seeking for opportunities and secure a position to contribute my skills effectively for the growth of the organization and my professional career and also enhance my professional skills in industry. I want to make positive contribution towards the organization where I could materialize my professional knowledge and interpersonal skills for mutual benefit of the organization and myself.

## QUALIFICATIONS:

Qualifications	School/College	University/Board	Score	Stream	Year of Passing
Undergraduate	SRM University, Delhi- NCR	SRM University, Chennai	6.98 CGPA	Mechanical Engineering	2018
Intermediate	Birla Public School, Pilani	CBSE	68%	PCM	2014
High School	Delhi Public School, Hapur	CBSE	8.8 CGPA	-	2012

## TECHNICAL SKILLS:

- AutoCAD
- Solargraf
- Aurora Solar
- Roofgraph

## WORK EXPERIENCE:

### ENPHASE SOLAR ENERGY HOME SOLUTION

15 Mar 2022- Current

#### Junior Engineer Operations (II)

- Responsible for the designing and modelling of solar power systems and work with a wide range of end clients, from individuals who want to install solar panels on their homes to large corporations that need massive arrays of solar panels to generate electricity.

- Worked Closely with team leads to create drawings or models of proposed systems, including roof-top solar arrays, ground-mounted solar arrays.
- Responsible for designing for maximum as well as custom panel covering for solar systems for residential houses using software like solargraf, aurora solar, Roofgraph
- Knowledge on developing proposals for new solar projects, including design requirements.
- Used technical skills to read and interpret data, design and create solar models and analyze the performance of solar panels.

#### **NAPH GRAPHICS PVT LTD**

**15 Dec 2019- 25 Mar 2020**

#### **Engineering trainee**

- Performed quality assurance for parts under tolerance limits for 1 month.
- Promoted to Design and assembly unit for part and assembly
- Initiated designing and problem-solving methods during assembling for web offset printing presses and slotter machines out of other machines available.

#### **TRAININGS AND CERTIFICATIONS:**

- **Summer training, 2016:**  
**Trained for one month at “Shri Ram Piston & Rings “, Ghaziabad.**  
 The assignment was study of assembly line management, manufacturing processes of petrol, diesel engine pistons and pistons with various different parameters, cnc machine and foundry operations.
- **Maintenance training, 2016:**  
**Trained for 1 week at “Paras Dairy plant”, Bulandshahr**  
 This project was the study for maintenance of boiler, compressor, cooling tower, economizers and various other heavy machinery required for various production of milk products.
- **Maintenance training, 2016:**  
**Trained for 2 weeks at “MAN TRUCKS “, Modinagar**  
 This assignment consists of full maintenance of trucks and its engine, fuel tank, transmission, clutch, gear box, supports, springs and various other things.
- **Semifinal Term Project, 2017:**  
**Research Project Report on “Rocket Propulsion to flying vehicles “**  
 Researched on gas turbines and jet propulsion, jet engines and propellant performance analysis.
- **Maintenance training, 2017:**

Trained in maintaining light and heavy machinery producing plastic, fiber, pvc sheets of different thickness and printing them. Training included maintenance of cooling towers, boilers, compressors, hot and cold rollers, gears and various parts of sheets producing and printing machinery.

- **Final Term Project, 2018:**

- **Project Report on “Design and manufacturing of Friction Stir welding Tool”**

- Designed, manufactured, tested the h13, conical shouldered (without scrolls, grooves), square probe and flat end. Tested on AA6063t6.

**EXTRA CURRICULAR ACTIVITIES:**

Attended an international conference on “**ADVANCE TECHNIQUES AND DEVICES IN MATHEMATICS AND PHYSICAL SCIENCES**” on 23 - 25th January, 2015.

**HOBBIES:**

- Football
- Playing Guitar, Singing and listening music
- Watching movies and web series

**DECLARATION:**

I Declare al the information given above is true and correct to best of my knowledge.