

SOUMIL SINGH PANWAR

Industrial Designer | Social Innovation

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ABOUT ME

- Deep interest in bringing out innovation for the benefit of the society through design.
- My strengths lie in bringing out tangible solutions to the most challenging situations with the use of design research tools and design thinking methodologies.
- I have keen interest in contributing to the sectors of health, agriculture, elderly, sports, sustainability in both urban and rural contexts.

SKILLS/ INTERESTS

- Rhinoceros
- Keyshot
- Illustrator
- Sketchbook Pro
- Woodworking
- Metalworking
- Polymerworking
- Design Research
- Sketching
- Material Exploration
- Ergonomics
- Physical human interaction
- Service Design
- Swimming

EDUCATION

BACHELORS OF DESIGN

PDPM Indian Institute of Information Technology, Design and Technology
Jabalpur | 2016-Present

- UCEED 2016 All India Rank 69
- Member, Student Senate| 2016-17
- Convener, Indian Heritage and Philosophy Club. IIITDM Jabalpur| 2018-Present

CBSE CLASS 12 BOARD

The Shishukunj International School,
Indore | 2015

- 86% in Physics, Chemistry And Mathematics
- Member, Madhya Pradesh State Swimming Team, Bhopal 2013

EXPERIENCE

INDUSTRIAL DESIGN- INTERN

Rites and Bites Inc. | December 2019- Present

- Work from home project work complimentary to my bachelors thesis.
- Design research and product design to establish a business model around disposable vending machines in the American market. This strategy would be used by the startup to setup and scale operations in the domain.

DESIGN RESEARCHER- INTERN

IIMA-GIAN | May 2019- November 2019

- Ongoing thesis on inclusive innovation for the grassroots communities to mitigate exclusion under the mentor ship of Prof. Anil Gupta from IIMA
- Design of a load bearing device for women working in the construction industry in the semi- urban context, a culmination of research insights into practical solutions for the workers.

INDUSTRIAL DESIGNER

Freedomwheels | May 2019- November 2019

- Design, development and prototyping of SAARTHI, a personal project from the past
- User testing and research about the behavior of paraplegic users towards mobility

INDUSTRIAL DESIGN INTERN

Wendor.in | July 2018- August 2018

- Design research, styling and conceptualization of custom vending machines for a B2B sale.

EXPERIENCE

INDUSTRIAL DESIGN INTERN

*SKM Designs, Faridabad |
May 2018- July 2018*

- Design research, product styling, embodiment design, prototyping under the mentor-ship of senior designer Mr. Sudhir Kumar.
- Personal project on personalized air purification.

INDUSTRIAL DESIGN ASSISTANT

*Mr. Pulkesh Gunaicha, Pune |
June 2017- July 2017*

- Design Research and development of a medical product aiming to be a preventive device for text-neck, a postural condition.

PRODUCT DESIGN ASSISTANT

*Grau Bär Design |
December 2016*

- Exploring wood and woodworking skills.

VOLUNTEER WORK

HONEYBEE NETWORK

Editor | June 2019

- Editor of a information booklet for the Shodhyatra 2019

GIAN

Shodhyatra

- Scouting and experiencing grassroots innovations from the Gadchiroli district of Maharashtra as an ethnographic researcher

SRISTI

Summer School

- A part of the summer school for inclusive innovations

PROJECT WORK

WASHING MACHINE

Funded by DST- INR 3 lacs

- Design and development of an innovative washing machine for the bachelors living alone
- Patent filed
- Presented to the Vice President of India on 15th Feb. 2020

SAARTHI

*Fund for development of INR 10 lacs
Agency: Startup Gujrat*

- A personal project that was completed to the extent of product manufacturing and launch
- Licensed to freedom wheels, Ahmadabad for dispersal into the market to the respective user

USHA FANS

Ceiling fan Design

- A styling project with three designs of fans made for USHA International during my internship
- These fans are now in the market and a succesful product

RAJU BANDAR

Educational Suppliments

- A service created to provide rent-able educational supplements to the growing children in India to compliment their learning.
- Company established with my parents to bring the idea to reality on the name of PUSA Creative Edufun in Indore. We had to quit the company after 1 year due to lack of commitment.

KRATOS

Farm Automation

- A farm automation system for the small scale farmer.