

# Shib S. Sahoo

## Product Designer & Researcher

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### Portfolio

www.shibhash.com/

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### Adobe Creative Suite

Photoshop  
Illustrator  
InDesign  
Premiere Pro  
After effects

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### Software skills

Solidworks  
Autodesk 3ds Max  
Cinema 4D  
Blender  
Unity 3D

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### Programming

Python  
JavaScript  
jQuery  
HTML/ CSS

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### Professional Skills

Design Research  
Ethnography  
Affinity mapping  
Brand Identity Design  
Web Design  
Animation

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### Hardware

Arduino  
Prototyping

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### Hobbies

Fingerstyle Guitar

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### Internships

#### Frugal Innovation in Design and Technology, Ministry of HRD

JUNE 2016 - PRESENT, IIT KANPUR | Product Design

Designed and fabricated affordable ergonomic prosthetic limb. Devised a novel hardware solution for embedded input and haptic feedback using flex sensors and vibration motors respectively.

#### YUKTI | National Craft program, Government of India

MAY 2015 - JULY 2015, IIT KANPUR | Product Design

Responsible for innovating automatas, mechanisms (*Unfolding Hilanta-Ratchet mechanism, Spirograph*) and organising skill development workshops for *Banarasi* artisans involved in traditional art and crafts.

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### Key Projects

#### Tinkreta | Interactive and modular tinkering kit Design

JANUARY 2016 - APRIL 2016 | Guide - Dr. Neeraj Sinha

Tinkreta is a virtual physical interaction tinkering kit for children based on constructivism to enhance spatial awareness, STEM pedagogy and creativity. Designed 3D tinkreta using only three discrete elements, implemented *Theo jansen mechanism* and *linkages*.

#### GSS | Grain Segregation Simulation Software Design

MARCH 2016 - APRIL 2016 | Guide - Dr. Koumudi Patil

Software can visualize binary segregation of grains using multiple boundary conditions and geometry. Prepared user persona, task flow, error loop and information architecture to design the software GUI.

#### SOC8 | Collaborative Social Search Engine Design

MAY 2015 - JULY 2015, KANPUR | Guide - Dr. Koumudi Patil

Designed a minimal collaborative search tool based on short range navigation, also created low fidelity prototype and UI wireframes.

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### Freelance / Design Consultancy

**Agilo technologies** - Identity Design | Infographic | Branding

**Watsonrent.com** - Poster Design | Campaign | Art Direction

**Greenlit** - Branding | Stationery collateral Design | Cover Design

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### Academics

#### Indian Institute of Technology Kanpur, Kanpur

BS | PHYSICS | 2012 - 2016

### Relevant Courses

Special Studies in Design | Creative Visualization | Fundamentals of Graphics | Computational Methods | Modern Art | Elements of Visual Representation | Art criticism | Learning, Memory and Cognition