

Shib S. Sahoo

Product Designer & Researcher

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Portfolio

www.shibhash.com/

Adobe Creative Suite

Photoshop
Illustrator
InDesign
Premiere Pro
After effects

Software skills

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

Programming

Python
JavaScript
Jquery
HTML/ CSS

Professional Skills

Design Research
Ethnography
Affinity mapping
Brand Identity Design
Web Design
Animation

Hardware

Arduino
Prototyping

Hobbies

Fingerstyle Guitar

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 organizing skill development workshops for *Banarasi* artisans involved in traditional art and crafts.

Key Projects

Tinkreta | Interactive and modular tinkering kit Design

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

Tinkreta is a tinkering kit for children based on constructivism, virtual physical interaction 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

The 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.

Freelance / Design Consultancy

Agilo technologies - Identity Design | Infographic | Branding

Watsonrent.com - Poster Design | Campaign | Art Direction

Greenlit - Branding | Stationery collateral Design | Cover Design

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