

Shib S. Sahoo

New Media Design UI/UX

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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
D3js

Professional Skills

Design Research
Brand Identity Design
Animation and VFX
UI/UX design

Hardware

Arduino
CNC
Laser Cutter

Hobbies

Guitar

Internships

Frugal Innovation in Design and Technology

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 automatons, mechanical toys (*Unfolding Hilanta-Ratchet mechanism, Spirograph*) and organising skill development workshops for *Banarasi* artisans involved in traditional art and crafts

Key Projects

Tinkreta | Interactive and modular tinkering kit

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

Tinkreta is a tinkering kit for children based on constructivism to enhance 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 task flow, user persona and Information architecture to design the GUI.

SOC8 | Social Search Engine Design

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

Designed a minimal search engine based on short range navigation and circumstance, also created prototype and wireframes for the application.

Freelance / Consultancy

Agilo technologies - Identity Design | Infographic | Branding

Watsonrent.com - Poster Design | Campaign | Art Direction

Greenlit - Branding | Stationary 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 Physics | Fundamental of Computing | Modern Art | Elements of Visual Representation | Art criticism | Learning, Memory and Cognition