SHREYANSI SHRESTHA

FULL STACK DEVELOPER | MULTIMEDIA ARTIST

I am a creative enthusiast currently learning MERN stack whilst researching on CBT (Cognitive Behavorial Therapy) and ADHD nuances. I am interested in creative coding, augmented reality, cognitive science & independent documentary journalism, and I aim to bind my storytelling skills and programming knowledge into creating something experimental and meaningful in modern filmmaking and neurocognitive sector.

SKILLS

- Web Development (HTML, CSS, JavaScript)
- Node.js & Express.js
- React.js & Redux.js
- Tailwind CSS
- MongoDB
- SQL
- Figma (Wireframing & Prototyping)
- p5.js
- Adobe Illustrator & Photoshop
- After Effects
- Creative & Curatorial Writing
- WordPress
- Blender
- Unity AR
- Vuforia Engine SDK
- Touch Designer

EDUCATION

KATHMANDU ENGINEERING COLLEGE

Bachelors Degree in Computer Engineering

2021-2025

PROJECTS

INTERACTIVE DISPLAY WITH ROTATING BLOCKS
Skills: p5.js
worked with JS creative coding concepts, used classes, functions, some alterations with mouseX, mouseY variables to bring motion to shapes with respect to the cursor position.
GitHub Repo : https://github.com/Shreyansii/interactivedisplay-with-rotatingblocks

THANOS PORTAL WITH JAVASCRIPT LIBRARY
Skills: Three.js
GitHub Repo : https://github.com/Shreyansii/3D-Graphics

NEPASHRAY
Skills: JavaScript, HTML, CSS
worked on the frontend development for a real-time webapp (CMS) for creative(art & culture) enthusiasts, that showcases different posts related to 7 provinces of Nepal, where user can upload, analyse engagement via dashboard, and also reach out to author of the post for professional collaborations. Validity of posts and filtering of spam messages managed by admin through admin dashboard. applied :
 -DOM manipulation concepts and some CSS animations
 -Event Listeners and Classes, Objects.
 -Callbacks, Promises, API calls concepts.

This project was done for college's minor project (3rd Year) showcase.
GitHub Repo :
https://github.com/SujanSapkota07/Nepashray.git

CURRENCY CONVERTER APP
Skills: JavaScript, HTML, CSS

used Fetch API concepts, Async-Await and DOM manipulations.
GitHub Repo :
https://github.com/Shreyansii/currencyconverter-app

DAY PLANNER (TO-DO) APP
Skills: JavaScript, HTML, CSS

used JavaScript DOM concepts for dynamic interactions and also its Local Storage concepts to retain task lists even after closing the webapp or restarting.
GitHub Repo :
https://github.com/Shreyansii/todo-app

STREAMING REAL-TIME CRYPTO-PRICE
Skills: JavaScript, HTML, CSS
used Binance Websockets Market API and JS Event Handlers
GitHub Repo : https://github.com/Shreyansii/real-time-cryptoprice

GAMES WITH JS
Skills: JavaScript, HTML, CSS
used DOM concepts and practiced For-Each and For-Of Loops.
GitHub Repo :
(i) Tic-Tac-Toe : https://github.com/Shreyansii/tic-tac-toe-game
(ii) Rock-Paper-Scissors : https://github.com/Shreyansii/gameone

PROTOTYPE - AUGMENTED REALITY APP FOR GAMIFIED LEARNING
Skills: Wireframing & Prototyping (Figma)

created during my participation at the Inter-College (UnderGrad Level) Design Competition held at KIST alongside the KIST HackFest.
Link :
https://www.figma.com/proto/mSjDTw2fccJ3kaCzjD7gO6/Motionify?page-id=0%3A1&node-id=1-2&viewport=551%2C550%2C0.5&t=qWlpqwrWZm5T0BjM-1&scaling=scale-down&starting-point-node-id=2%3A29

DESKTOP UI/UX DESIGN [CLOTHING BRAND]
Skills: Figma
Link :
https://www.figma.com/file/gsTwks5zuLapcHjmw0JxkI/Untitled

MOBILE UI DESIGN OF MUSICPLAYER
Skills: Figma
Behance Work Link :
https://www.behance.net/gallery/196102555/UI-Design-ofMusic-Player

CREATING SERVER / BUILT REST API

Skills: Node.js & Express.js

-Link : https://github.com/Shreyansii/Server-and-REST-API

REACT PROJECTS

Skills: React.js, Javascript, HTML,CSS

(i) Dice Roller App
(ii) Counter & SI Calculator App
(ii) Motivation Quotes App
(iv) Quiz App

OTHER CREATIVE WORK HANDLES

MULTIMEDIA STORYTELLING

actively building narratives and covering stories about multidisciplinary art, new media art, street artists, culture, literature and progressive music through visual storytelling mediums and writings.

Link :
Social Handle Work Showcase:
instagram.com/_shreyansii
IInitial) Prototype : vrittavista.framer.website

WRITINGS

blogs - articles & poems.
Link : shreyansii.wordpress.com

DESIGN & PHOTO MANIPULATIONS

altering visuals.
Link : behance.net/shreyy

ANIMATION & 3D MODELLING

Link : www.shreyansii.artstation.com

WORK EXPERIENCE

3D ARTIST (BLENDER+REALITY CAPTURE)

PROJECT - SWAYAMBHU VIRTUAL SPACE CREATION

Skills: Blender, Reality Capture, Photogrammetry, Photography, Cultural Research, Data Refining

This is a project led by Professor Lauren Leve from University of North Carolina, USA. It is for the research and preservation of Nepal's Cultural Heritage (here, Swayambhu Mahachaitya), using LiDAR technology, photogrammetry, different 3D softwares, Oculus VR technology, etc.

CULTURE & ARTS CURATOR
AAWAAJ NEWS

Skills: After Effects, Research & Market Research, Photo Manipulation, Critical Thinking, Creative/Curatorial Writing

GRAPHIC ILLUSTRATOR
FREELANCE

Skills: Adobe Illustrator & Adobe Photoshop

FRONTEND DESIGNER/DEVELOPER

PROJECT NEPASHRAY

(ASSOCIATED WITH KATHMANDU ENGINEERING COLLEGE)

Skills: HTML, CSS, JavaScript, jQuery, Figma

MIX-MEDIA STORYTELLER

SELF-EMPLOYED

Skills: After Effects, Research & Market Research, Photo Manipulation, Critical Thinking, Creative/Curatorial Writing

visual and written storytelling.
Link :
instagram.com/_shreyansii
(currently working on expanding social handles / storytelling platform presence)

ACHIEVEMENTS

OFFICIAL LAUREL BY LIFT-OFF GLOBAL NETWORK

ISSUED BY PINEWOOD STUDIOS,ENGLAND

My metaphysical indie film got officially selected by the Lift-Off Global Network to be included at the sessions and it received screening at Vimeo via Lift-Off Global's official handle.

NATIONAL/INTER-SCHOOL SWIMMING MEDALS & CERTIFICATES

ISSUED BY NEPAL SWIMMING ASSOCIATION

Have represented district and school in national and interschool competitions respectively and have won 10+ medals and 30+ certificates.

HULT PRIZE AT IOE, FINALIST

ISSUED BY HULT PRIZE FOUNDATION

During freshman year of college, pitched an idea for implementation of OSAT(Open Souce Appropriate Technology) i.e., integration of tech and agriculture (hydroponic/soil-less farming system), and with a team of 3 (two being college's civil engineering senior students) , reached the finals being amongst the only two teams that got selected for finals from our college and one of selected finalists out of 120+ participant teams from all IOE colleges.

CONTACT INFO

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