

PROFILE

My point of view and a few thoughts on front end development:

I care about the details and consider the standardized output with a **responsive, mobile-first** approach and strategy. I assess UI and UX designs for technical feasibility. I also like **prototyping** – it helps me think through interaction models and new possibilities.

SKILLS

I have experience creating web applications and **maintaining, optimizing, troubleshooting,** and **improving** them as well. I believe in data based decision making and brainstorming for building effective products and services.

Skills that I am specialised in:

- ReactJS
- SASS
- HTML
- CSS
- Javascript
- jQuery
- Bootstrap
- PHP
- User Interface/Experience Design
- 3D Interactive Design

Tools:

- Figma
- Adobe XD
- Photoshop
- Illustrator
- Unity
- Blender
- Protopie

CERTIFICATES

- Interactivity with javascript
University of Michigan - coursera
- Full stack web developer
udemy
- User Interface Design
University of Minnesota - coursera

EDUCATION

Bachelor of technology in Computer Science	2017 - 2021
Indian Institute of Information Technology, Manipur, India	
Higher Secondary School	2014 - 2016
Modern Delhi Public School, Haryana, India	
Science	92%

PROJECTS

React JS movie review application

Developed a movie review application using ReactJS with support libraries like react routers for url routing, lazy loading and local storage for optimizing page load time. Connected to an external API and used state, props and the flow between components.

react-moviedb-sahil.herokuapp.com

Nexter, Natours and Trillo websites

Designed and deployed 3 fully responsive and all browser compatible websites using SASS and advanced CSS concepts like flexbox and CSS grids. Used media queries, breakpoints and responsive images in HTML and CSS for faster pageloads. Implemented advanced CSS animations with @keyframes, animation and transition. Also, worked along with NPM ecosystem for development workflows and building processes

nexterhomes.000webhostapp.com

natoursbooking.000webhostapp.com

hotelsbytrillo.000webhostapp.com

Crystallography Sim VR Research Project

Planned & programmed a virtual reality simulator in the domain of crystallography. Worked with unity 2019 and blender 2.8 along with programming interactions in C#. Leading the UI/UX and 3D interactive designing of lab & lattice structures alongside crafting textures/materials. (2019-Present)

ACHIEVEMENTS

Global Game 2020 - Secured 1st rank at IIIT Manipur for developing the game 'Medic Corps Alpha'

LANGUAGES

English
Full Professional Proficiency

Spanish
Elementary Proficiency