

Zenith Zenith

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EDUCATION

Thapar University

BE in Electrical Engineering, cgpa: 8.08

Punjab, India

September 2020 – May 2024

PROJECTS

NFT Marketplace | web3, react, motoko, github

August 2022

- Implemented a small-scale replica of **Open Sea** which is largest web3 marketplace for **Non-fungible tokens** and **crypto** collectibles.
- Users can **Mint**, **Sell**, and **Buy** their artworks using custom tokens.
- Worked on **react** for **frontend** and Internet Computer with **motoko** at **backend**.

Zebra Crypto Token | web3, react, motoko, github

July 2022

- Built **crypto token** using **internet computer** blockchain from scratch.
- Each user can **redeem** maximized sum of 25,000 limited tokens to their account, **check balance** and **transfer** the tokens.
- User authorization implemented through **internet identity**.
- website (unblock pop-up)

Google Keep Clone | web3, motoko, react, github

June 2022

- Developed **decentralized** version of **Google keep** which is the note-taking service offered by Google.
- Integrated react at frontend and ICP at backend.
- Optimized reliance on **database** through mongodb to 100% by exploiting **orthogonal persistence** concept of **internet computer** canisters.
- Deployed on **internet computer blockchain**.
- website

Newsletter SignUp Portal | bootstrap, express, node.js, api, javascript, github

April 2022

- Administered website where people can **subscribe** to the **newsletter** by providing details.
- Data up to 500 contacts gets collected, analyzed and organized in a list using **mail-chimp API**.
- Deployed on **heroku**.

TECHNICAL SKILLS

Languages: C/C++, JavaScript, HTML/CSS

Frameworks: Bootstrap, jQuery, Express, React, Node.js

Database: SQL, MongoDB

Developer Tools: Git, VS Code

COURSES AND CERTIFICATES

Data Structures & Algorithms, Level-up Course:

Understanding Data Structures & Algorithms by solving over 150 important questions. (link)

Online Course on Machine Learning:

Completed the online course on Machine Learning of 20 hours conducted by Department of CSED, Thapar Institute of Engineering and Technology. (link)

CO-CURRICULAR

Youth United, Patiala Chapter (NGO), Mentor

November 2021 – September 2022

Thapar University

Patiala, PB

- Youth United is an Indian Social Enterprise, Non-profit and Non-Governmental Organization.
- Organized and worked on public welfare projects and events.

Digital illustrator

December 2020 – August 2021

Thapar University

Patiala, PB

- Have a hobby of making digital illustrations and sharing it on various social media platforms.
- Portfolio