

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

- Led the development of a small scale **decentralized** marketplace resembling **Open Sea**, enabling users to mint, trade, and buy artworks using **custom tokens**.
- Designed and integrated **token mechanics**, enhancing trading functionalities and user engagement within the marketplace
- Collaborated closely with cross-functional teams to streamline the entire development lifecycle, showcasing strong **teamwork** and **communication skills**.

Zebra Crypto Token | web3, react, motoko | github, website (unblock pop-up)

July 2022

- Developed a bespoke **cryptocurrency** token utilizing the **Internet Computer blockchain**
- Enabled seamless user interaction by implementing a user-friendly process for acquiring up to **25,000** limited tokens per user, demonstrating precision in token management.
- Ensured robust **security** through the integration of **Internet Identity** for user authorization, safeguarding user data and transactions.

Google Keep Clone | web3, motoko, react | github, website

June 2022

- Pioneered a **decentralized** rendition of Google Keep, revolutionizing note-taking through **React** frontend and **ICP** backend integration.
- Achieved **100%** reliance on MongoDB by harnessing Internet Computer canisters' **orthogonal persistence**, enhancing database efficiency.
- Orchestrated seamless deployment on the **Internet Computer** blockchain, expanding decentralized application footprint.

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

April 2022

- Led a user-friendly newsletter **sign-up** platform, facilitating easy subscriptions.
- Engineered the efficient collection, analysis, and organization of contact data for a user base of up to **500** individuals, leveraging the **Mailchimp API** for precise management.

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](#)