

Anubhab Patnaik

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EDUCATION

SILICON INSTITUTE OF TECHNOLOGY, BHUBANESWAR

B. TECH COMPUTER SCIENCE AND ENGINEERING

GPA: 8.91

July 2019 - May 2023

Bhubaneswar, India

WORK EXPERIENCE

SQUBIX DIGITAL | FULLSTACK BLOCKCHAIN DEVELOPER

Bhubaneswar | July 3rd, 2022 – Jan 3rd, 2023

- Designed and developed the Squbix Website. Refactored React-Native applications with better UI and implemented offline storage, push notifications, and built an internal ERP system to monitor the attendance and tasks of employees.
- Built backend APIs using NodeJs. Configured optional parameters to switch between different blockchains. Refactored the JS-based SDK to TypeScript and NodeJs. Used mocha for unit testing.
- Modified the existing DID pallet using rust and substrate to store identity information in the blockchain with additional unit tests. Collaborated on the wallet transfer PWA to cater to existing users of the older blockchain.

AFXI TECHNOLOGIES PVT. LTD | FREELANCE

Bhubaneswar | March 2022 – April 2022

- Set up a platform to handle 30% of DDEX submissions using Amazon AWS S3 & Go, and automated uploading of music on YouTube.

E-BIBIL TECHNOLOGIES | FRONT-END DEVELOPER

WFH | July 27th, 2021 – Sep 27th, 2021

- Collaborated on the Django web app to integrate with ML models for a smart parking system to recognize the license plate using python and OpenCV for the ANPR system with a 67% accuracy.
- Implemented a PWA using react for the admin panel that manages 40% of the workload in the parking system.

TECHNOLOGIES WORKED WITH

PROGRAMMING LANGUAGES

C/C++, Python, JavaScript/TypeScript, PHP, Rust, SQL

LIBRARIES/ FRAMEWORKS

Numpy, Pandas, Sk-Learn, React, ReactNative, NodeJs, Django, Flutter, Substrate

DEVELOPER TOOLS & PLATFORMS

Git, gh-actions, Docker, AWS, Firebase, MongoDB

PROJECTS & HACKS

QTREE | [SOURCE-QTREE](#) | [LIVE](#)

JavaScript, Canvas, HTML,

Inspired by [KoalasToTheMax](#), QTree is a short live demonstration of image compression and decompression using Quadrees, that partitions a two-dimensional image by recursively subdividing it into four quadrants.

W3BCHAT & ROKIO | [SOURCE-W](#) | [LIVE](#) | [T](#)

GunJS, Svelte, Rust, Tokio, Substrate, React, Firebase, gh-actions

W3BCHAT is a decentralized multi-client chat app that mimics the working of a blockchain created using svelte & gunJs. Rokio is a blogging platform written in rust for super fast performance and excellent memory management.

CONFLIX | [SOURCE-MR](#) | [SOURCE-BTC](#) | [SOURCE- RP](#)

Rust, Pandas, Sklearn, NLP, LP, BitTorrent

A custom BitTorrent client to download movies with an item-based collaborative movie recommendation system based on user ratings and the number of ratings and a rating prediction system to classify movie reviews as good/bad.

ZUZU & BLOG-2 | [S-OLD](#) | [S-NEW](#) | [ZUZU](#)

Node, Django REST, Bootstrap, React Hooks, SQLite3, AWS EC2, gh-actions

A static site generator that renders HTML, rss & pdf files with custom UI themes. A multi-client blogging platform with token-based authentication.

RESOC | [SOURCE-RESOC](#) | [LIVE](#)

React, React-Native, React-Bootstrap, Firebase, Cloud Firestore

A website for accessing free academic resources with a markdown reader, assignments, a task manager, and a chat section.

HONORS & AWARDS

- Semi-Finalist: Binance' 2022, Nirman' 2022 & ED Cell -Ideathon 2022
- Best Delegate: XIMUN' 23 LHS MUN '20. High Commendation-I SITMUN(2020 & 2021). Special mention: Carmel Summit '15.

VOLUNTEER EXPERIENCE

- Co-founder - [cbtrl](#): A FOSS platform for programmers who like to craft fun projects together. 2022
- Co-founder & Joint Secretary, Silicon Wing of Technical and Coding Hub, the first official coding club of the College. 2021.
- Chairperson - 2022-23 of the prestigious IEEE Students' Chapter, Silicon Institute of Technology.