

# Anubhab Patnaik

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GITHUB | LINKEDIN | LEETCODE | PROFILE | BLOG

## 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, 2022

- 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 and wrote unit tests.

AFIXI TECHNOLOGIES PVT. LTD | FREELANCE

Bhubaneswar | March 2022 – April 2022

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

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.
- Implemented a PWA using react for the admin panel that integrates with the backend to manage 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 &amp; PLATFORMS

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

## PROJECTS & HACKS

QTREE | SOURCE-QTREE | LIVE

JavaScript, Canvas, HTML,

Inspired from 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 &amp; BLOGCHAIN | SOURCE-W | LIVE | SOURCE-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. Blogchain 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 &amp; BLOG-2 | S-OLD | S-NEW | ZUZU

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

A static site generator that parses markdown files and renders HTML 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 resourceful website for accessing free academic resources with a markdown reader, assignments, a task manager, and a chat section.

## HONORS & AWARDS

- Binance, Nirman & ED Cell -Ideathon 2022: Semi-Finalist.
- Consecutive High Comm.-I SITMUN(2020 & 2021): The model united nations hosted in SIT.

## VOLUNTEER EXPERIENCE

- Hosted Singularity- : A open forum/ podcast to discuss science fiction, engineering, and math.
- Co-founded - cbtrl : A FOSS platform for programmers who like to craft fun projects together.
- Co-founder & ex-Secretary(U), Silicon Wing of Technical and Coding Hub, the first official coding club of the College.
- Student Branch Chairperson 2022-23 of the prestigious IEEE Students' Chapter, Silicon Institute of Technology.