# Anubhab Patnaik

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GitHub | Linkedin | LeetCode | Profile | Blog

## EDUCATIONAL BACKGROUND

**SILICON INSTITUTE OF TECHNOLOGY, BHUBANESWAR**                    July 2019 - May 2023
B. Tech Computer Science and Engineering                                              Bhubaneswar, India
GPA: 8.91

## WORK EXPERIENCE

**SQUBIX DIGITAL | Fullstack blockchain developer**          Bhubaneswar | July 3rd, 2022 – Jan 3rd, 2022

- Designed and built Squbix Website. Refactored React-Native applications with better UI and implemented offline storage, push notifications, and built internal erp system to monitor attendance and tasks of employees. Worked on a platform to trade and exchange currencies based on tradeable certificates using React.
- Built backend APIs using NodeJs. Configured optional parameters to switch between different blockchains. Built the Metamui SDK using TypeScript and NodeJs. Refactored older JS-based SDK and ported JS code to TypeScript. Used mocha for unit testing and tsc compiler.
- Built custom DID pallet using rust and substrate to store identity information in the blockchain and wrote unit tests. Worked on optimizing the order matching algorithm.

**E-BIBIL TECHNOLOGIES | Front-end developer**               WFH | July 27th, 2021 – Sep 27th, 2021

- Built Django web app to integrate with AI/ML models for a smart parking system venture to recognize the license plate using python and OpenCV for the ANPR system.
- Built React PWA using bootstrap for the admin panel to integrate 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 & Platforms | Git, gh-actions, Docker, AWS, Firebase, MongoDB |

## PROJECTS & HACKS

**FREELANCE- AFIXI TECHNOLOGIES PVT. LTD**          GO, MongoDB, HTML and JavaScript, AWS S3, Lambda
Designed and built a platform to handle DDEX submissions and automated handling DDEX transactions and uploaded music on YouTube

**W3BCHAT & BLOGCHAIN  | DChapp | H| Tok**          GunJS, Svelte, Rust, Tokio, Substrate, React, Firebase, gh-actions
W3BCHAT is a decentralized multi-client chat app that mimics the working of a blockchain built using svelte & gunJs. Blogchain is a blogging platform built using rust for super fast performance and excellent memory management.

**CONFLIX  | MR| BTC| 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 number of ratings and a rating prediction system to classify movie reviews as good/bad.

**ZUZU & BLOG-2  | IB| F| zuzu**               Node, Django REST, Bootstrap, React Hooks, SQLite3, AWS EC2, gh-actions
A static site generator that parses markdown files and renders HTML files. A multi-client blogging platform with token-based authentication.

**RESOC  | R-Link| H-Site**                      React, React-Native, React-Bootstrap, Firebase, Cloud Firestore
A resource management website for accessing all kinds of free academic resources with a profile, task management, and live chat section.

## HONORS & AWARDS

- Hosted Singularity- : A open forum/ podcast to dicsussion science fiction, engineering, and math.
- Binance, Nirman & ED Cell -Ideathon 2022: Semi-Finalist.
- Consecutive High Comm.-I SITMUN(2020 & 2021): The model united nations hosted in SIT.

## VOLUNTEER EXPERIENCE

- Co-founded - cbrtl : A FOSS platform for programmers who like to craft fun projects together.
- Co-founder & ex-Secretary(J), Silicon Wing 0f 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.