

# Anubhab Patnaik

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GITHUB | LINKEDIN | LEETCODE | PROFILE | BLOG

## EDUCATIONAL BACKGROUND

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 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

- 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(J), 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.