

# Anubhab Patnaik

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GITHUB | LINKEDIN | HACKERRANK | LEETCODE | PORTFOLIO

## EDUCATION

**SILICON INSTITUTE OF TECHNOLOGY, BHUBANESWAR****B. TECH COMPUTER SCIENCE AND ENGINEERING**

GPA: 8.91

July 2019 - March 2023

Bhubaneswar, India

## EXPERIENCE

**SQUBIX DIGITAL | FULLSTACK BLOCKCHAIN DEVELOPER**

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

- Refactored legacy code-base to React18. 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.
- Built backend APIs using NodeJs. Configured optional parameters to switch between different blockchains.
- Building 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. Modified NodeJs code to handle additional requests.
- Built custom DID pallet using rust and substrate to store identity information in the blockchain and wrote unit tests.
- Designed and built a platform to trade and exchange currencies based on tradeable certificates using React and Python. Worked on optimizing the order matching engine and the trading 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 &amp; 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.

## HOBBIES & ACHIEVEMENTS

- Co-founded - cbrtl : 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 Chair 2022-23 of the prestigious IEEE Students' Chapter, Silicon Institute of Technology.