

Anubhab Patnaik

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EDUCATION

Silicon Institute of Technology

Bachelor of Technology in Computer Science and Engineering; CGPA:8.84/10.0

Bhubaneswar, India

July 2019 — June 2023

EXPERIENCE

Squbix Digital

Software Developer - 🔗

Bhubaneswar, IN

June 2022 - Jan 2023

- Designed and developed the Squbix Website. Refactored React-Native applications with better UI, implemented offline storage, and push notifications, and built an ERP app 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. Built Chrome extension for wallet transactions. Used mocha for unit testing.
- Modified the existing DID pallet using Rust & Substrate to store ID information in the blockchain with additional unit tests. Collaborated on the wallet transfer PWA to cater to the need of existing users on the older blockchain.

Ebibil Technologies

ML Ops Frontend Engineer

WFH, IN

July 2021 - Oct 2021

- Collaborated on the Django web app to integrate with ML models for a smart parking system.
- Contributed to ML models in Python to build an ANPR system to detect the license plate with a 67% accuracy

Triluxo Education (Brainlox)

Python Developer

WFH, IN

July 2021 - Oct 2021

- Tutored students on the basics of computer Science, the web & programming using Python.
- Built a Django back-end for a web application used by students to build apps

PROJECTS

QTREE - 🔗

JavaScript, Canvas, HTML

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

WEBCHAT - 🔗

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

A decentralized chat app built in Rust & Svelte for super fast performance and excellent memory management.

BEE - 🔗

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 no. of ratings & **a rating prediction system** to classify movie reviews as good/bad.

ZUZU - 🔗

NodeJs, Django, React, SQLite3, AWS-EC2

A static site generator with js-binding, RSS & PDF generators, a search bar & modular theme setting.

RESOC - 🔗

React, Bootstrap, Firebase, Cloud Firestore

A FOSS social platform for accessing free academic resources with task management, a chat section, and an open contributions page with a growing user base of 2000 & more than 4000 reads and 200 writes

TECHNICAL SKILLS

Programming Languages C/C++, Python, JavaScript/TypeScript, Go, PHP, Rust, SQL

Libraries/ Frameworks Numpy, Pandas, Sk-Learn, Django, MERN, React Native, Flutter, Substrate

Developer Tools & Platforms Git, Bash, GitHub, Docker, AWS, Firebase, Lighthouse, Analytics

VOLUNTEER EXPERIENCE

Co-founder - [cbtrl](#): A FOSS platform for programmers who like to craft fun projects together. 2022

Co-founder & Joint Secretary, [SWITCH](#), the first official coding club of the College. 2021

President (Chairperson) - 2022-23 of the prestigious [IEEE Students' Chapter](#), Silicon Institute of Technology.

HONORS & AWARDS

Semi-Finalist: Binance 2022, Nirman 2022 & ED Cell -Ideathon 2022

Best Delegate: XIMUN 23 LHSMUN '20. High Commendation-I SITMUN(2020 & 2021).

Contingent Leader: Mood Indigo 2023, IIT Bombay