Anubhab Patnaik

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GitHub | Linkedin | LeetCode | Portfolio | Blog | Certificates

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EDUCATION

SILICON INSTITUTE OF TECHNOLOGY, BHUBANESWAR   July 2019 - May 2023
B. Tech Computer Science and Engineering   Bhubaneswar, India
GPA: 8.84

WORK EXPERIENCE

SQUBIX DIGITAL | Fullstack blockchain developer   Bhubaneswar | July 3rd, 2022 – Jan 3rd, 2023
- 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 with additional unit tests. Collaborated on the wallet transfer PWA to cater to the need of existing users of the older blockchain.

AFIXI TECHNOLOGIES PVT. LTD | Freelance   Bhubaneswar | March 2022 – April 2022
- Set up a platform to handle 30% of DDEX submissions using AWS S3 & Go, and automated uploading of music on YouTube.

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 identify & recognize the license plate using python and OpenCV for the ANPR system with a 67% accuracy.
- Implemented a PWA using react & django for the admin panel that manages 40% of the workload in the parking system.

BRAINLOX TECHNOLOGIES | Python Tutor   WFH | July 16th, 2021 – Oct 9th, 2021
- Tutored students on the basics of computer Science & programming using Python.

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

QTREE | Source-QTree | Live   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.

W3BCHAT & ROKIO | Source-W | Live| T   GunJS, Svelte, Rust, Tokio, Substrate, React, Firebase, gh-actions
W3BCHAT is a decentralized multi-client chat app that uses a graph-db built to mimic the demonstration of a blockchain. Rokio is a blogging platform written in rust for super fast performance and excellent memory management.

BEE & PLIX | Source-MR| Source-B| Source- RP   Rust, Pandas, Sklearn, NLP, LP, BitTorrent
A self-made custom BitTorrent client to download files & 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 & BLOG-2 | S-Old| Source| Live   Node, Django REST, Bootstrap, React Hooks, SQLite3, AWS EC2, gh-actions
A static site generator with rss, pdf generators with search feat., & custom themes. BLOG II is a multi-client blog with token-based auth.

RESOC | Source-Resoc| Live   React, React-Native, React-Bootstrap, Firebase, Cloud Firestore
A website for accessing free academic resources with a markdown reader, assignments, a task manager, and a chat section.

HONORS & AWARDS
- Semi-Finalist: Binance' 2022, Nirman' 2022 & ED Cell -Ideathon 2022
- Best Delegate: XIMUN' 23 LHSMUN '20. High Commendation-I SITMUN(2020 & 2021). Special mention: Carmel Summit '15.

VOLUNTEER EXPERIENCE
- Co-founder - cbrtl: A FOSS platform for programmers who like to craft fun projects together. 2022
- Co-founder & Joint Secretary, Silicon Wing of Technical and Coding Hub, the first official coding club of the College. 2021.
- Chairperson - 2022-23 of the prestigious IEEE Students' Chapter, Silicon Institute of Technology.