Anubhab Patnaik

anubhabr50@gmail.com | anubhavp.dev | linkedin.com/in/anubhabpatnaik0530 | github.com/fuzzymfx

October 8, 2023

EDUCATION

Silicon Institute of Technology   Bhubaneswar, India
Bachelor of Technology in Computer Science and Engineering; CGPA:8.7/10.0   *July 2019 — June 2023*

EXPERIENCE

StackIt   Bengaluru, IN
FullStack Engineer   *June 2023 - Present*
- Built a Chrome extension that integrates with the StakIt Google Workspace application, resulting in a 50% reduction in manual data entry time. Leveraged the Google Apps Script layer and utilized the available spreadsheet APIs.
- Collaborated on the Data-Preview component, enhancing data visualization capabilities, which led to a 30% reduction in data import errors. Implemented robust filters, joins, and v-lookups, increasing data processing efficiency for users conducting ETL operations.
- Worked on prompt engineering to convert natural languages to SQL & no SQL queries, reducing user churn.

Asymmetri   WFH, IN
Full-stack Developer- Part-time   *June 2022 - July 2023*
- Building a robust PDF generator using React and NodeJs. Devised a custom PDF viewer using react-pdf and react-pdf-highlighter.

Squbix Digital   Bhubaneswar, IN
Software Developer - 🎧   *June 2022 - Jan 2023*
- Designed and developed the Squbix Website. Refactored React-Native applications with better UI, implemented offline storage, push notifications, and created an ERP app to monitor the attendance and tasks of employees.
- Launched backend APIs using NodeJs. Configured optional parameters to switch between different blockchains. Refactored the JS-based SDK to TypeScript and NodeJs. Developed a 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.

PROJECTS

QTREE - 🔗   *JavaScript, Canvas, HTML*

Inspired by KoalasToTheMax, QTree is a short live demonstration of image compression and decompression using Quadtrees, which 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, written in Rust & Svelte, enabling real-time messaging for 10,000 concurrent users.

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 reviews with an 85% accuracy.

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   MERN, React Native, || Numpy, Pandas, Sk-Learn, Django, Flutter, Substrate
Developer Tools & Platforms   Git, Bash, GitHub, Docker, AWS, GCP, Firebase, Lighthouse, Analytics, Kafka

VOLUNTEER EXPERIENCE

Established and led cbrtl, a FOSS platform; increased user base, and facilitated 13+ innovative projects. 2022
Co-founder & Joint Secretary, SWITCH, the first official coding club of the College. 2021
Chairperson - 2022-23 of the prestigious IEEE Students' Chapter, Silicon Institute of Technology.