






Sambit Sankalp

Full Stack Software Engineer

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EXPERIENCE

MICROSOFT | SWE INTERN

May 2023 – June 2023 | Bengaluru, India

- Worked on creating **meaningful and interactive graph visualization** library to analyse the numeric CSV data for analyst using WebGL and d3-force.
- Enhanced **force and data computation algorithms**, adjusting force strength and utilizing web workers, boosting graph performance by 33%.
- Along with adding meaningfulness and interactivity, made the graph **informative** for the analyst on interaction with the graph.

INFYBYTES AI LABS | FULL STACK DEVELOPER INTERN

Feb 2023 – Mar 2023 | Remote, India

- Collaborated with a team of software engineers and product managers to improve the product in terms of performance and functionality.
- Worked on **optimizing API** by adding the pagination and implementing caching using **webhooks** of Hasura resulting in API improving the performance of website.
- Worked on developing **tracking migration progress** screens and fixed various dashboard bugs and improved the existing functionalities.

SKILZEN | FRONT-END DEVELOPER INTERN

Feb 2023 – Apr 2023 | Remote, India

- Collaborated with other frontend interns and product managers to improve the product in terms of features and performance.
- Worked on **integrating graphql queries** with frontend using directus and graphql by introducing dynamicity in website.
- Updated the frontend screens by redefining the CSS and increasing the **responsiveness of the website** with the reduction in code redundancy.

PROJECTS

BLOCKDUCTS | REACT, REDUX, TAILWINDCSS

- It is **e-commerce in Web3 with on-chain fungible tokens**, rewards, transparency, and staking for customer engagement and retention.
- Built the website's user interface with ReactJS and TailwindCSS, integrating solidity contracts using **context API**.
- **Integrated the backend** to the project and introduced shopping cart features using **Redux Toolkit**.

NFT DOCKET | REACT, TAILWINDCSS

- NFTDocket is a **Decentralised Warranty Issue** platform that sellers can use to dispatch their warranties to buyers via an NFT built using Polygon.
- Have worked on developing the website's front-end using **React and TailwindCSS** and designed screens for features like issue warranty, proof ownership integrated with the web3 environment.

ACHIEVEMENTS

2023	Best Use of Filecoin Prize	ETHforAll 2023
2022	Best Explainable Machine Learning Prize	StormHacks 2022
2021	Best Women Empowerment Track Prize	Girls Hoo Hacks 2021

SKILLS

LANGUAGES

C++, Javascript, Typescript, HTML, Dart, Python

LIBRARIES/Frameworks

React, Redux, Mongoose, Nodejs, GraphQL, Gatsby, NextJs, Express, Flutter, Riverpod, Firebase

DATABASE

MySQL, MongoDB

TOOLS/PLATFORMS

Git, Github, Netlify, Vercel, Figma, Adobe Illustrator, Hasura

EDUCATION

NIT ROURKELA

B. TECH IN COMPUTER SCIENCE

2020 - Present | Odisha, India

CGPA: 8.67 / 10.0

VIKASH RESIDENTIAL SCHOOL

HIGHER SECONDARY

May 2020 | Odisha, India

Percentage: 96.6%

DAV PUBLIC SCHOOL

SECONDARY

May 2018 | Odisha, India

Percentage: 92.4%

PORS

MONDAY MORNING

Managed technical aspects of the platform like website development, software maintenance, managing technical team members, and ensured smooth operation of technical systems.

GDSC | NIT ROURKELA

Organized community workflow by coordinating events, hackathons, and workshops like **Google Crowdsourcing**. Conducted sessions for over 100 students on the latest technologies.

TEDX | NIT ROURKELA

Built the **website** for the community from scratch using the latest technologies like Gatsby, and concluded various ted events conducted.