





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 | Odisha, 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 | Odisha, 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

NFT DOCKET | REACT, TAILWINDCSS, POLYGON, WEB3

- NFTDocket is a **Decentralised Warranty Issue** platform that can be used by sellers 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.

PILOT | REACT, MATERIAL UI

- Pilot is a decentralized **Web3 Blogging platform** built with **Lens Protocol on Polygon** which gives users control over their own information.
- Have worked on developing the website's front-end using **React and Material UI** and implemented features like posting the blog and creating user profiles with **GraphQL and Lens**. Integrated a text editor to write blogs using React and **DraftJs**.

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.