

Subroto Kumar

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EDUCATION

BTech. Electronics and Communication Engineering

HALDIA INSTITUTE OF TECHNOLOGY

Grades: 8.91 DGPA

Haldia, WB | August 2019 - July 2023

WORK EXPERIENCE

RIDOBIKO | FLUTTER DEVELOPER INTERN

Gurugram | November 2022 – April 2023

- Took the ownership of integrating **DigiLocker** platform to customer application and leveraged technologies such **Flutter**, **OAuth2.0**, **REST API**, resulting in successful implementation of **e-KYC system** for Document verification.
- Worked on the developing of key features for personalised **coupon section** and implementing **GST logic**, resulting in compliance of the application with GST regulations and increased Customer engagement and revenue growth.
- Reduced code bloat and refactored the codebase, resulting in a **20%** increase in speed, a **15%** reduced application size, improvement in code readability, and maintainability.
- Authored comprehensive **documentation** for the API, resulting in reduction in integration time and improved Developer experience (DX).

PROJECTS

KURUMI: UNOFFICIAL ANILIST CLIENT

FLUTTER, FERRY, GRAPHQL, RIVERPOD

- Developed an anime and manga tracker mobile app with **Flutter** that uses **Ferry GraphQL client** under the hood to utilized a **GraphQL API** and **advanced caching** and data synchronization techniques for up-to-date data.
- Employed a scalable and modular architecture for easy integration of new features and data sources Implemented **Riverpod** for efficient **state management** in a mobile environment.
- Delivered a seamless experience with stylish UI and intuitive navigation and search functionality for show titles.

COMET: CRYPTO WALLET

FLUTTER, WEB3DART, HARDHAT, ETHERSCAN, ALCHEMY

- Developed a highly secure **cryptocurrency wallet** utilizing the **web3dart** library, featuring robust functionalities including wallet encryption and seamless **ERC20/NFT** interactions.
- Engineered for exceptional **99%** uptime, the wallet facilitates effortless transactions and meticulous transaction history monitoring with exhaustive summaries.

1INCH DEX: TOKEN SWAP

REACT, NODE JS, 1INCH AGGREGATOR

- Built a cutting-edge **Token Swap** application powered by the **1Inch aggregator**, enabling users to effortlessly exchange various Crypto-tokens at the most favorable prices across multiple Decentralized Exchanges (DEX).
- Integrated the **Moralis** token price API with a **NodeJS backend** to fetch real-time price data, resulting in precise token pricing for seamless transactions.

SKILLS

Languages:	Java, JavaScript, TypeScript, Solidity, Kotlin, SQL
Mobile Development:	Dart, Flutter, Riverpod, Provider, Appwrite, Firebase
Web Development:	React, NextJS, Tailwind Css, Node Js, Express, MongoDB, HTML/CSS
Blockchain:	Solidity, Hardhat, Etherjs, Wagmi
Other:	Git / GitHub, GraphQL, Postgres, Linux, Bash, Android Studio

ACHIEVEMENTS

- Designed and Deployed **4 mobile apps**, which were uploaded to the **Play Store** and made available for public use.
- Actively participate at **ETHIndia Hackathon 2022**, **World's Biggest Ethereum Hackathon** at Bengaluru.
- Created to more than **30+ project** on **GitHub** utilizing a variety of technology including **Blockchain**, **Flutter**, **React / NextJS**, **Tailwind**, resulting in a high level of proficiency in diverse technologies.