

Kalash Shah

kalashshah47@gmail.com | kalashshah.me | +91 8850597447 | Github | LinkedIn | Leetcode | Codeforces

EXPERIENCE

PUSH PROTOCOL | SOFTWARE DEVELOPER

March 2023 – Present | Remote

- Implemented login and guest mode features, resulting in a **significant enhancement of the user on-boarding rate by over 85%** on the web app and **45%** on the mobile app.
- Achieved a **38% reduction in API calls** by optimizing calls throughout the mobile application. Enhanced page load speed throughout the app by an average of 22% through strategic optimization.
- Memoized heavy components in the mobile app, resulting in additional **component load time reductions of over 30%**.
- Developed a **peer-to-peer** video calling experience on the mobile app, facilitating secure and decentralized communication.
- Contributed significantly to the development of the web app, mobile app, and the **React Native** and **Swift** software development kits (SDKs) targeting mobile platforms.

ISRO SAFE SHIP NAVIGATION | SOFTWARE DEVELOPER

July 2022 – July 2023 | Gandhinagar, IN

- Developed an Ionic application, orchestrated a PostGIS database, and engineered a Node.js server for a secure ship navigation solution for the **Indian Space Research Organization** under IIITV professors.

BREW MY TECH | SOFTWARE DEVELOPMENT CONSULTANT

Dec 2022 – Feb 2023 | Remote

- Followed **agile methodologies** to create an intuitive and scalable user interface according to provided designs with **Next.js**.

PROJECTS

IRADA | REACT NATIVE, TYPESCRIPT

March 2024

- A crypto **mobile wallet and assistant** app. Supported Wallet Connect to enhance connectivity with external applications. Implemented scheduled transactions for convenient planning and execution of future transactions.
- Provided native assistant support on Android for enhanced user assistance and interaction. Improved my team's average time to send a transaction by **over 94%** using the Google assistant.

GRAPHENOUS | NEST.JS, GRAPHQL, PRISMA, TYPESCRIPT

Oct 2022

- Crafted a **high-performance server optimized for data aggregation** from various websites to develop a comprehensive user dashboard.
- Eliminated over-fetching and under-fetching issues that were prevalent in REST APIs by replacing with GraphQL APIs and hence **improved query response time by around 34%**.

EDUCATION

INDIAN INSTITUTE OF INFORMATION TECHNOLOGY VADODARA

BACHELOR OF TECHNOLOGY

COMPUTER SCIENCE ENGINEERING

Grade - 8.60

SKILLS

PROGRAMMING LANGUAGES

Experienced:

Typescript • Javascript • C/C++ • Java

Familiar:

Python • Dart • SQL • Solidity

TOOLS & FRAMEWORKS

Experienced:

React.js • Node.js • Express.js • MongoDB

React Native • GraphQL • Nest.js • Prisma

Redux • Expo • Hardhat • Next.js

Familiar:

Flutter • Ionic • Socket.io

VERSION CONTROL SYSTEM

Git • Github

ACHIEVEMENTS

- Winner at the Smart India Hackathon 2022**, one of the **winning** teams out of over **29,600** teams.
- Won the runner-up prize in the Gnosis chain** track for the best consumer centric application at the Scaling Ethereum 2024 hackathon.
- Won the best project using Quicknode track prize** at EthForAll hackathon.
- Won first prize** at the HackIIITV 2020 hackathon among over **40 teams**.
- Secured the first prize among 13 teams** at the HackIIITV 2021 hackathon where we developed a **flutter mobile augmented reality** application.
- Won 3rd place** out of **142** projects and more than **500** participants at Hack This Fall 3.0.
- Rated Specialist** on Codeforces, with a max rating of **1454**. Secured under **2k** rank in multiple contests.