

# Harshit Sinha

## Frontend Web Engineer

Creative, entrepreneurial, and innovative developer who had driven tremendous cost savings and became trusted employee for high-profile projects.

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## WORK EXPERIENCE

### Principal Member of Technical Staff (Prev Technical Lead)

Vymo

07/2022 - Present

#### Achievements

- Developed **AppBuilder** to speed up the deployment of selfserve features by **50%** where developers can drag and drop UI components and bind the backend config.
- Created a web platform monorepo with **microfrontend** and custom webpack plugins to allow portal apps to be developed and published faster by reusing modules and platform CI/CD.
- Developed an in-house UI component library with storybook to have faster loading times and more control over the functionality.

### Senior Software Engineer

Saxo Bank India

04/2021 - 06/2022

#### Achievements

- Refactored legacy React UI components by using **micro-frontend** architecture to enable plug-and-play paradigm.
- Worked on improving the development lifecycle and product quality by integrating **Cypress**.

### Senior Software Engineer

Western Digital Corporation

11/2019 - 04/2021

#### Achievements

- Designed VSCode-like modular **extension architecture** into EdgeRover to isolate extension code and its delivery lifecycle from the main electron/web application.
- Developed and Open Sourced **electron-differential-updater** for Mac which reduces the download size of each update by upto **95%**.

### Software Engineer

Sap Labs

07/2015 - 11/2019

Bangalore, India

#### Achievements

- Reduce initial loading time of PBFC web app by almost **15%** by implementing PRPL methodology.
- Lead the team of 3 UI Developers, realisation of 3-customer contracts during PBFC prototyping phase and responsible of the frontend development from design phase to deliver.

## EDUCATION

### BTech (Electronics & Communication)

Delhi Technological University (Formerly DCE)

07/2011 - 05/2015

77.2%

17 March, 2025

## SKILLS

TypeScript

React

Nextjs

Cypress

ES6/Javascript

CSS

Electron

Nextjs

Node/Node Native

GraphQL

MongoDB

## PROJECTS

### Web Platform / Self Serve / Vymo web (07/2022 - Present)

- Improve the loan/insurance leads conversion through the Lead Management System and Activity Management System.
- Lead the team of 6 developers, responsible for **architect** and **design** phase of platform(portal) apps and self serve which is used internally for client provisioning.
- Introduced CI/Cd + End to End testing framework on top of cypress. Auto Publish the coverage and metrics data to **Frontend dashboard** in nextjs.

### SaxoTrader Go/Pro (04/2021 - 06/2022)

- Trading platform app that enable third party clients and retailers to exchange Forex, Stocks, Bonds and ETF
- Responsible for compliance, onboarding and product settings page across the Saxo platform apps

### EdgeRover (11/2019 - 04/2021)

- All in one indexing/metadata solution for all the files on social media, cloud storage and personal computing devices
- Responsible for frontend and backend development, extensions module + packaging and update lifecycle for the desktop app

### Public Budget Formulation (09/2018 - 11/2019)

- Cloud Solution for the on-premise SAP Budget Formulation product.
- Developed dynamic rendering view based on configuration saved that allow customers to have customizable views and process. Frontend is developed in react and webpack 4 is used for development process.

### License Plate and Facial recognition (11/2017 - 05/2018)

- Developed application for masking of license plate and face to ensure GDPR compliance.
- Involved with the UI(React) aspect of the application and implemented license plate and face recognition techniques using yolo library on top of flask server.

## INTERESTS

Astronomy

Cooking

Football