



Tarik Sahni

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Tarik Sahni

Front-End Engineer

About Me Creative and self-starting Front-End Developer with 2+ years experience building stable E2E websites and apps in fast-paced, collaborative environments with great performance and SEO. Highly skilled in HTML/CSS/JavaScript and working knowledge of Web frameworks. Well-versed in Scrum and Agile.

Education

2017 - 2013, National Institute of Technology, Hamirpur

B.Tech in Computer Science, CGPA: 7.5

2013, S.S.R.V.M Una, Himachal Pradesh

Class XII, 90.6%

2011, D.A.V Centenary Public School Una, Himachal Pradesh

Class X, CGPA: 10

Software Development Skills

- | | | |
|--------------------|---------------|-----------|
| ○ Javascript(ES6+) | ○ React/Redux | ○ Next.js |
| ○ Svelte | ○ C/C++ | ○ Python |
| ○ Node.js | ○ AWS | ○ Git |
| ○ Webpack | ○ LightHouse | ○ AMP |

Experience(> 2.5 Years)

Oct 2018 - present, Lead Front-End Engineer, HEADOUT

Tech Stack: (FE): NextJS, React, Redux, ImmutableJs. (BE): Kotlin, Java, Python.

KEY PROJECTS :

- **NextJS Migration**

Description I migrated the old legacy react codebase into powerful nextjs framework single handedly. We achieved some great wins in terms of SEO, Developer Experience, SSR, Page Speed Optimizations.

Achievements:

- SEO Wins:
 - * Page Crawled per day increased from 23k to 110k.
 - * Kilobytes downloaded per day increased from 433k to 661k.
 - * Time Spending per day decreased from 175 to 45.
 - * We saw increase in organic traffic.
- Developer Experience Improvements:
 - * Single Route file for Mweb and Desktop.
 - * Ease in AMP development.
 - * LightWeight Infra and wait time for developer via Fast Refresh.
- Server Side Rendering:
 - * In-built support from Next.js
 - * Got rid of legacy inhouse setup.



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- **Website Performace Optimizations**

Achievements:

- Increased the page speed score from 10 to 40+ on Mobile and 40 to 75+ on desktop on lighthouse.
- decreasing TTFB by 55% and TTI by 40%.

- **Tackling COVID-19 Pandemic**

Description Being in travel industry we were affected by the pandemic adversely. I kicked in some projects/idea to have immediate sales for Head-out.

Implementations:

- Headout Credits:
 - * User can buy credits/gift credits and get some discount on them.
- Discounted Features:
 - * User can buy experiences on discounted price and go whenever it's safe.
- Safe Experiences:
 - * The experiences will have the safety details/regulations followed by the vendors at the spot.

- **Analytics events tracking Setup to GTM/Amplitude**

- **3ds payment implementation via checkout/stripe**

March 2018 - September 2017, Front-end Consultant, McKinsey & Company/ Xebia

PROJECTS :

- **COBI(Consumers Operational Benchmarking Initiative, McKinsey Digital Labs)**

Description A Web/iPad Application for CPG industries to analyse their plants performance in hundreds of fields and parameters and also compare with their competitors. Different types of graphs are used to compare and study the plants Activities. It has three sections. Client Section, Admin Section, Plant Manager Section.

Tools & Technology: (FE): React, Redux, Redux-Sagas, HTML, CSS, High-Charts. (BE): NodeJS, HapiJs, Sequelize.

Responsibilities:

- FrontEnd Lead for the Project. Development of different responsive screens and Integration with the APIs.
- Finalizing which library or support tool to be used in the project for FrontEnd.
- Code Review / Bug Fixes
- Deployment

- **Telco War Room Game (McKinsey Digital Labs)**

Description An Agile Simulation Game in which the aim of every team is to maximize the profit/orders of a newly launched product. You are given particular budget at the starting of the game. There were 3 rounds before launch, day of launch and after launch.



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- **Tools & Technology:** (FE):React, Redux, Redux-Thunk, HTML, CSS.

Responsibilities:

- Development of various frontend screens of every round, Dashboard, Ranking Board.
- Integration/Mapping of Excel API into FrontEnd
- Code Review / Bug Fixes.

- **Tele Sales Dashboard (McKinsey Digital Labs)**

Description A Dashboard for the call centers to check and analyse the performance and productivity of the service provided to the users. A React-Redux based dashboard which helps the client to have a graphical representation of the data.

Tools & Technology: React, Redux, HTML, CSS3

Responsibilities:

- Designed and Developed the Frontend part of the project single handedly.
- Bringing mock-ups to life using HTML, CSS, JavaScript.

- **VMP (MDL Telco Video App)**

Description React-Native Based Video app for listing videos from various data providers and helping the user to select appropriate data package for that. (Android and iOS supported).

Tools & Technology: React Native, Redux, HTML , CSS

Responsibilities:

- Designed the Drawer (Menu Navigator), Video Details Page for the app.
- Bug Fixes for both iOS and Android.
- Test Cases for the component.

- **IRPC 4.0 & Banpu 4.0**

Also, did small LOP projects for MDL. An application for the leadership team of the Client to give away the presentation. (I-Pad App)

September 2017 - June 2017, *Student*, NIT Hamirpur

PROJECTS :

- **Connect.Ed**

Description Connect.Ed is a Information web application about the colleges of India and news related to them. It also contains alumni network so that we can interact with them. Login with Facebook is integrated.

Tools & Technology:

JavaScript, PhoneGap, NodeJs, ExpressJS, MongoDB, HTML, CSS

Responsibilities:

- Created API's to get/post Colleges Details, sign up , login which is needed in the entire project using ExpressJs.
- Created connection with MongoDB, storing/fetching data from it.
- Created UI using HTML, CSS, and JavaScript, Integrated Fb login.



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- **Plagiarism detection tool**

Description A plagiarism detection tool which help to detect plagiarism in the document. The document is uploaded and using Google search API's, the plagiarism is detected. It shows the links and website from where the content is copied. It also shows the plagiarism percentage.

Tools & Technology: PHP, HTML, CSS , Google Search API's

Responsibilities:

- Created UI using HTML and CSS.
- Contributed in implementing the Google API's.

- **NIT-H Result Compilation**

Description A Result Scrapper which scrapes the data from institute website (www.nith.ac.in). It implements an easy analysis of results by saving the entire result in excel sheet.

Tools & Technology: JavaScript using CheerioJs and ExcelJs Library.

Responsibilities:

- Writing the script and implementing the JavaScript Library to store the results in Excel Sheet

- **Scrapper: Chrome Extension**

Description A chrome extension to scrape the websites. It has a basic architecture that scrapes the fields that the user enters manually.

Tools & Technology: ReactJS, JavaScript, Chrome extension API's.

Responsibilities:

- Designed the UI using React library.
- Implemented Chrome Message passing from browser to the extension.
- Implemented Chrome Extension API's for storage and Communication.

- **Order Alarm**

Description An ORDER ALARM (for E-Commerce Startup) which calls an API in the backend and checks for the newly received order. The script was added to Crontab file to automate the script when the

Tools & Technology: Python3 , Raspberry Pi

Responsibilities:

- Code for the script.
- Configuring the RaspberryPi.

Talks

2019, JS Meetup #38

Delivered a talk on "Understanding the Javascript Number Game".

Interests

Traveling, reading, hiking, running, Table Tennis, Cricket.