

# ALOK SINGH

*UI Developer*

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## Skills

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### Experience in Technologies



ES6, ReactJS, HTML5, CSS, LESS, SASS, JS, JSON, Node, Grunt, Gulp, Graph APIs for FB Ads, git, Node FFMPEG.

### Knowledge of



Webpack, NPM, Yarn, Wordpress, Ghost, MATLAB, Shell Scripts, Microsoft office suite, Adobe Photoshop

### Operating System



Mac, Linux, Windows.

## Education

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### Bachelor of Technology

2011 - 2015

Indian Institute of Technology Delhi

### Higher Secondary School (12th)

2009 - 2010

Kendriya Vidyalaya No.1 Bhopal

Central Board of Secondary Education

### Secondary School (10th)

2007 - 2008

Kendriya Vidyalaya No.1 Bhopal

Central Board of Secondary Education

## COURSES DONE

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Introduction to Computers and Programming, Data Structures, Artificial Intelligence, Probability & Statistics, Graphic Science, Design Of Experiment & Statistical Techniques, Analysis And Design of Algorithms, Data mining, DBMS.

## EXTRA CURRICULAR

**Music Club:** Participated In many Music Events and Secured Following:

Overdrive (2013) - First position , Eastern Night (2011) - Third Position , Fusion (2011) - Third Position, Dhvani (2013) - Third Position.

**Eastern Group Song:** Represented IIT Delhi in Eastern group Song in Antaragni (2013) at IIT Kanpur.

**Football Club:** Represented Hostel in inter hostel Football Tournament and team secured third position.

## Work experience

Jun 2015 - Feb 2018

UI Developer / Growth Engineer

ixigo

A travel search engine based in Gurgaon, India, and a mobile travel application available on Android and iOS. It is an infomediary that aggregates travel websites to compare information and deals.

- Build pages like flights from city, flights to city, airline pages, mapper, flight status page and **PWA for Mobile** on **React** and **node** from scratch.
  - Includes getting data from DB and using rest APIs for backend rendering.
  - Caching the data once fetched from DB/API in memory cache.
  - Role: UI Developer.
  - Technologies used: **React, Node, Sequelize, Mongoose, Webpack, LESS.**
- Build a setup for creating **Dynamic Images**. proved extremely useful for marketing.
  - Get Template HTML saved in dashboard.
  - Replace all variables provided in URL for dynamic image.
  - Take Screenshot of generated HTML and Send it as a response.
  - Technologies used: **Node, Node Puppeteer** (Headless chrome API).
- Worked on **Graph API** to show carousel ads and its automation using Node JS.
  - Getting recent fare data from rest API.
  - Using Dynamic image server to insert recent flight fares in the image.
  - Technologies used: **Node, facebook-ads-sdk.**
- Built **IRCTC signup** page and **UI for LOGIN** functionality throughout web.
  - Includes accumulating all the validation from IRCTC website.
  - Technologies used: **React, Node, Webpack.**
- Mobile Web Optimisation **Improved page Insight Score up to 95.**
  - In this project I have improved mobile web scores for all the product home pages and ixigo home page. Most of ixigo pages were scoring below 70 before this project. I used some gulp tools, meta links and some backlink google recommendation to achieve this.
  - Technologies used: **Gulp**
- Worked on User Retargeting, Acquisition Mailers using CleverTap web-hook APIs.
  - Setting webhook filters on users in CleverTap Dashboard.
  - Accumulating relevant Data from ixigo APIs, constructing HTML for mails and send using CleverTap or SendGrid or Amazon mailer services.

Mar 2018 - Present

Software Development Engineer

Innovaccer

A Silicon Valley-based healthcare company that provides physician practices, hospitals, health systems, and other healthcare providers with population health management.

- It can be used for any UI technologies like React, Angular etc.
- Role: Full Stack Developer
- Technologies used: **Express, NodeJS, Webpack, React**
- Resource Management System
  - Visibility of ingested tables, Display names of the tables, Display names of the columns, Column level visibility, Sequencing of the columns, Meta info of the columns.
  - Role: UI Developer
  - Technologies used: **React, NodeJS, Gulp**

## ACADEMIC PROJECTS

**Connect NMK:** Designed a Computer Player for the game connect (N, M, K) a generalised form of connect 4 game in the Course Artificial Intelligence.

**Text Compression:** Implemented LZW Compression Algorithm to compress text file efficiently and quickly by making use of Hash table in the course Data Structure.

**Full Stack Development:** Made a Library Web page which shows articles, books including various filters applied simultaneously. Learned how to manage stuffs including database handling, UI development, content handling.