# Jasmeet Singh Saini

## Software Engineer 2

I am a web enthusiast with experience in full stack web development.

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## Work Experience

### Sumo Logic ⬈ | Software Engineer 2 — June'18 - Current

- Developing user interfaces in React, Redux and TypeScript with re-usability in mind. Writing **unit tests** for each React component (**Jest, Enzyme)**. Also, Contributing in creating components for company's internal component library (used throughout the app)
- Worked on improving page load times from **2-3 seconds to milliseconds** by eliminating un-necessary re-renders when using React and investigating for possible memory leaks
- Worked on the **Mega Component project** which creates a link between **Swagger API's** and UI requirements to eliminate the common logic while creating Management pages, resulting in a **reduction in development time from weeks to a couple of days**
- Created a **process to monitor feature flag additions**, preventing the increase in production bundle size while also ensuring their safe removal in the future hence **reducing the chances of a production breakage and code redundancy**

### Sentieo ⬈ | Software Engineer — June'17 - June'18

- Was a part of company's scraping team, responsible for creating scripts that monitor company data
- Worked on **data science** projects like **classifying a tweet as financial/non-financial**
- Wrote scripts to collect large amounts of training data (tweets) from different categories and prepare the data in order to feed it to the training models
- Researched on various machine learning models to figure out which model fits best for specific use cases
- Was solely responsible for the company's internal UI, Developed **RESTful backend APIs in Django** and integrated them at the frontend

### Viraltag ⬈ | Software Developer Intern — Dec'16 - Feb'17

- Wrote the backend service in **Laravel (PHP) to upload avatar to aws s3** during the user onboarding
- Developed a NodeJS script to scrape urls from a blogging service and used them to extract user contact details. **33,000 email Ids were successfully scraped** using the script
- Worked on various features on the company website, Created user interfaces using **React and Redux**

## Education

### Netaji Subhas Institute Of Technology, University Of Delhi

Bachelor of Engineering, Electronics & Comm. Engineering
Aug'13 - June'17 — **71.01% (8.851 CGPA)**

### CBSE Board

12th (Senior Secondary Examination)
2013 — **89.6%**

## Interests

Web Development, Algorithms, Data Structures, Web Scraping, Game Development, Chrome Extensions

## Skills

### Programming Languages

Javascript (ES6/ES5)   Python   C++   Typescript

### Web Technologies

ReactJS   Redux   NodeJS   Express.js   Django
JQuery   HTML   CSS (Sass, Less)   Bootstrap

### Tools

Git   Webpack   npm   yarn   Grunt   Babel
AWS EC2   AWS S3

### Others (Novice)

OpenCV   Jest   Enzyme

## Projects

### Img2Text ⬈ — Aug'18

- Converts an image to its equivalent ASCII art by detecting the boundaries in the image
- Technologies Used: Python, OpenCV, Numpy

### Group Chat Application ⬈ — June'16 - July'16

- Created a chat web application where multiple users can join or create **password secured rooms**
- The app uses **websockets** for communication between client and server. Technologies used: HTML, CSS, JavaScript, JQuery, NodeJS, ExpressJS, Bootstrap
- Also created a React, Redux version of this project

### Artificial Neural Network ⬈ — Aug'15 - Sep'15

- Created a **deep learning artificial neural network** in python. Trained the network for digit recognition using **40,000 20X20 size images provided by MNIST**
- After complete training the neural net is found to work with **~85% efficiency**

## Achievements

- Got Promoted to Software Engineer 2 at Sumo Logic in Feb 2020
- Won the internal hackathon at Sumo Logic (September 2018) and scored the Popular Award along with cash price