Sonam Dhawan

Software Developer (Full Stack)

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WORK EXPERIENCE

Cloudera, Bangalore — Senior Software Engineer

DECEMBER 2020 - PRESENT

Data Catalog [Angular, TypeScript, SASS, Scala, Postgres]

- Worked on planning, development, and integration of various features core to the workflow of Data Stewards into the *Data Catalog* application within the *Cloudera Data Platform*.

- Developed various reusable components in the Angular application and implemented usability fixes. Thereby improving the *Usability Heuristics score* of the product from **46 to 85**.

- Established unit testing for the web application and increased the coverage to **75%**.

- Designed and developed a POC for the automated classification of assets based on the asset metadata.

- Designed and developed a feature to preserve the state of custom *Data Catalog Profiler* tag rules on upgrading the workload cluster.

Qubole, Bangalore — Member of Technical Staff II

SEPTEMBER 2019 - DECEMBER 2020

Workbench [Ember.js, JavaScript, jQuery, SASS, RoR, MySQL, Elastic Search, Python]

- Developed the UI and Middleware for various features core to the experience of data analysis and enhancing analysts productivity. Worked in an aggressive timeline from Beta to the GA release. It resulted in a steady increase in the number of visitors and commands run using the *Workbench* SPA in Qubole Data Service.

- Developed various features that facilitated the time spent during the Data Discovery phase by Analysts and helped with accelerating their workflow.

- Ensured the quality of the application by increasing unit, integration, automated, and regression tests coverage.

Streamoid Technologies, Bangalore — Member of Technical Staff & Intern

JULY 2017 - AUGUST 2019 & JANUARY 2017 - JUNE 2017

Outfitter Dashboard [JavaScript, React, Redux, Node.js, SASS, Express, Webpack, Python, PHP, MySQL]

Developed the dashboard that enables the fashion stylists to manage all the internal workings of *Outfitter* service - adding and visualizing the input data for the product and verifying the accuracy of the work.

It subsequently reduced the delivery time by 80% and improved productivity to **2x**. As a result, the product delivered increased basket size, average order value, and revenue metrics for the client.

Outfitter Run Management [Python, MySQL, Redis]

Designed and developed an asynchronous backend process supporting various configuration parameters for initiating an *Outfitter* run and then processing the result.

Developed RESTful CRUD APIs and integrated them with the Outfitter Dashboard. That facilitated the rules validation process by the stylists.

Mix n Match SDK [JavaScript, jQuery, CSS, MySQL]

Developed a JavaScript SDK to highlight the capabilities of two major flagship products of the company - *Similar* and *Outfitter*. Integrated it with the main dashboard to exhibit both of the recommendation services.

Automate Color Bank Indexing [PHP, MySQL, Bash]

Developed an asynchronous process to index large amounts of data by running multiple parallel requests to create Color Banks. Color Bank is an integral part of the *Outfitter* service.

Developed an API that helped facilitate and accelerate the setting up of new Color Banks.

SOFTWARE SKILLS

- ❖ JavaScript, React, Redux, Ember.js, Angular, TypeScript, jQuery.
- ❖ MySQL, MongoDB, Elastic Search, Postgres.
- ❖ HTML5, CSS3, SASS, Bootstrap, Materialize.
- ❖ Node.js, Python, PHP, Express.js.
- ❖ AWS, Github, Bitbucket.

EDUCATION

National Institute of Technology, Allahabad — M.C.A., 9.14 CPI

JULY 2014 - APRIL 2017

University of Delhi, Delhi — B.Sc. (Hons.) Computer Science, 79.5%

JULY 2011 - APRIL 2014