Harmeet Kaur
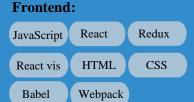
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"Nothing looks more beautiful than a beautifully written <code/>"

TECHNICAL SKILLS:

Frontend:
JavaScript | React | Redux
React vis | HTML | CSS
Babel | Webpack

Testing:
Jest | Cypress

Backend:
Java | Node JS | REST

Cloud:
AWS

Database:
SQL | Oracle

CI/CD
Jenkins | Docker | GIT
Bitbucket | OpenShift

Misc.:
Data Structures | Algorithms
OOPS

PROFESSIONAL PROJECTS:

Unified Merchant Panel.:
Worked on enhancing and optimizing merchant dashboard , both web and mweb. Refactored existing repositories to support micro front end architecture. Did the initial set up for unit testing and integration testing along with sonar integration. Created Node application to support demo dashboard functionality. Enabled build checks and bitbucket pipelines . Worked on improving the over all lighthouse score, bundle sizes . Enabled eslint and style lint rules.

Technologies used: Preact Js, Webpack, Babel, Jest, Cypress, Unistore , Typescript, Node , Express

ARTIFACT LIFECYCLE:
Created a web portal to onboard artifacts and deploy them to different environment (UAT, QA, PROD). The portal allows a single as well as a batch deployment of the artifacts, the artifact's deployment can be tracked as the polling is implemented to get the updated deployment status. Each action of the user on the portal is tracked and displayed as a history timeline.
Various filters are implemented to make the user experience better so that its easier for the user to perform various tasks without vesting much time.

Technologies used: React Js, Webpack, Babel, Jest, Cypress, Redux Zero

UI Elements:
Replaced the previously used Blueprint JS library with custom made UI components library called "elements". Components worked on: Button, Switch, Radio, Checkbox, Alert, Dialog, Toaster, Toast, Callout, Tabs, Select, Input, Date Time Picker, Popover, Dynamic Table, Configurable Table etc.

Technologies used: React Js, Webpack, Babel, Jest, Styleguidist

UI Metrics:
Created a web application to record the user button clicks, API Errors, JavaScript console errors, URL visited. The recorded metrics are then displayed as a bar graph and tables to provide insight into which applications are used most and what errors are occurring so that the development team can resolve it as soon as possible before the user reports it. The portal also gave insight into user habits and preferences thus helping us to improve the user journey further. It also provided a consolidated search form to procure this data and then download it into a file.

Technologies used: React Js, Webpack, Babel, Jest, Cypress, Redux Zero, React viz

SPARKOLA:
A project explorer for all the spark jobs, with complete job preview and edit functionality. A feature to add new projects and delete multiple projects at a time. The project details includ a lineage graph, downloadable data, different job pipelines and dataset selector for each job. Further each job has its own kernel manager to build and release the job.

Technologies used: React Js, Webpack, Babel, Jest, Cypress, Redux Zero

JOBSERVER:
After building a job in Sparkola and releasing it, the job is imported into job server where multiple instances of this job can be executed and submitted to a yarn launcher, the real time execution status of these jobs is visible on the portal. Execution logs and reports of the executed jobs are all available here. Different actions like aborting a job, creating a similar job execution, passing runtime arguments to the job and etc. can all be performed through the portal.

Technologies used: React Js, Webpack, Babel, Jest, Cypress, Redux Zero

EXPERIENCE:

Senior Software Engineer:
Paytm
October 2020 – Present

Development Engineer
Development Bank of Singapore
November 2017 – October 2020

System Engineer
Infosys
September 2015 – October 2017

EDUCATION:

Bachelor of Technology
Guru Tegh Bahadur Institute of Technology, Delhi
2011 – 2015

Intermediate
Ryan International School, Chandigarh
2011

High School
Ryan International School, Chandigarh
2009

SELF SERVICE PORTAL:

A Portal to approve and request for different personas and rules, it allowed to create rules and personas for individual teams or at organization level. It is a one stop portal to see all the requested personas and status of the requests raised for different personas or rules.

Technologies used: React Js, Webpack, Babel, Jest, Cypress, Redux Zero

BILLING UI:

A Portal to display cost per month for the resources used by different ADA tenants. It displays per month analysis in form of pie charts and bar graphs and table.

Technologies used: React Js, Webpack, Babel, Jest, Cypress, Redux Zero, React Viz

KILL ANALOG:

A Public Web Portal for credit cards, debit cards and cash lines. It included working on microservices and creating REST APIs for these services.

Technologies used: Java, Spring, REST, Angular JS, iframes

HOBBY PROJECTS:

Website walkthrough

A virtual assistant for the not so tech savvy people, it helps to get guided walkthrough of a website based on an individual's query.

Technologies used: AWA Lex chatbot, Angular JS, Node JS

Electoral Voting Application

Based on Ethereum blockchain an application to vote for different candidates.

Technologies used: Ganache, Ethereum Test Network, Truffle, Web3.js, React JS