

Kanishk Saini

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SKILLS

Angular 11, 14, 16
React 16, 17, 18
React-native

Typescript
JavaScript
HTML
CSS
Node.js
Tailwind CSS

Apache e-charts
NgRx Store
RxJs
Redux
Angular Formly
Ag-grid
Plotly
HiPlot
Ant design
React Native Paper

TOOLS/APPLICATIONS

Visual Studio Code
Jira
Postman
Gitlab

EDUCATION

PUNE UNIVERSITY
DEPT. OF COMPUTER SCIENCE
MSC. COMPUTER SCIENCE

DELHI UNIVERSITY
RAJDHANI COLLEGE
BSC MATHEMATICS HONORS

EXPERIENCE

QIO TECHNOLOGIES SOFTWARE DEVELOPER
June 2021 – present | Pune

DATA VISUALIZATION

- Designed and implemented a library of interactive **50+** highly **customizable widgets**.
- Created a user-friendly interface that enables seamless widget creation **without requiring any manual code** input from the user, driving **10x** improvement in **usability** using the redux store, apache echarts, d3, and other open-source libraries.
- Delivered **Data Insights 2.5x faster** by developing highly customizable **Dashboards** to effectively showcase the aforementioned widgets by leveraging Angular-Gridster2 for enhanced flexibility, which empowers users to **visualize, filter, and display data** interactively.
- Engineered a seamless integration of Google's **Model Viewer**, increased **user engagement** metrics by **35%**, and **reduced loading times** by **70%**, for **3D models**.
- Developed an interactive **geo-location map** using **leafletJs**, which promoted user retention by **30%**, and reduced data entry times by **40%**.
- Led the development of implementing **particlesJs** in the aforementioned **dashboards** to add **animation** based on the weather, resulting in a **strengthened user loyalty** of **25%**.

INTERNAL TOOLS

- Built customizable **Form components** tailored to diverse requirements using Angular Formly which resulted in the creation of forms **5x easier**.
- Utilized Ag-Grid extensively to develop a **80%** more **efficient** method for representing large datasets with **customizable table/grid** components for data presentation.
- Orchestrated the seamless fusion of **React components** and libraries into the **Angular framework**, propelling UI development and project functionality to new heights; leading to a **40%** boost in **user experience**.

MOBILE APPLICATION

- Spearheaded the research and development initiative to create a **React Native**-based, scaled-down app version for **iOS** and **Android**, achieving **40%** increase in user satisfaction.

ESG REPORTING

- Constructed a comprehensive **one-stop** solution for users to manage and visualize **ESG** data, facilitating **30% boosted** user adoption in sustainability reporting.
- Developed a customized **Data entry** solution using **Angular Formly** for **ESG** Scopes 1, 2, and 3 reporting, streamlining the process and resulting in a remarkable **50% reduction** in data entry time.

HONORS/AWARDS

Awarded with Most Valuable Player (MVP) award in 2022 Jan, 2022 Dec and 2023 May