Mohit Virli

SENIOR FRONTEND ENGINEER

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EXPERIENCE

Member of Technical Staff 3, Cohesity

June 2018 - Present (5.5 years+), Bengaluru

`Angular, AngularJS` `TypeScript` `SCSS` `Jest, Cypress`

- Initiated and executed the effort to **refactor** the core **Cohesity Views** CRUD workflows due to a huge influx of Customer issues with the existing code implementation.
  - Accomplished the feat of **near to zero** customer **issues** to date.
  - **Supervised** and **collaborated** with **two contractors** to ensure the code is optimal, reusable and well-documented with maximum test coverage using UTs & E2E tests.
  - **Created** a new **in-house library** to simplify complex form workloads. This was utilized across the app which also helped us deprecate the third-party library we were using.
- Developed the UI workflows for **Multitenancy** which added support for service providers to host multiple customers at scale.
- Implemented **Internationalization** (i18n) for customers with different locales.
- Revamped **Data Tiering** with an improved UX to increase customer delight.
- Added support for **Cohesity Views** in **Disaster Recovery** in a short time which was a hard commit for crucial deals.
- Assisted **SmartFiles** to achieve enterprise ready quality with the work on the **Dashboard** and the **View** related workflows which was appreciated in the press.
- Added support for new **Cloud Adapters** in **Protection** & **Recovery** workflows.

Software Engineering Intern, Headout

May 2016 - July 2016 (2 months), Bengaluru

`React, Redux` `JSX` `LESS` `Jasmine`

- Implemented a **Referral workflow** which was designed to help onboard more users.
- Restructured the **Search Filters** to make the results more customized and user-specific.
- Collaborated on a new **Checkout Flow** with the intent of streamlining the user experience.
- Used **A/B testing** to get data and feedback for the new features developed.

Frontend Developer Intern, Classplus

May 2016 - July 2016 (2 months), New Delhi

`AngularJS` `Gulp` `Adobe Illustrator`

- Researched and **designed** high-fidelity **mocks** for the **Tutor Dashboard.**
- **Developed** the dashboard using AngularJS and Gulp from scratch.
- **Created** and released an **open-source starter project** - angular-gulp-seed

Lead Frontend Engineer, Information Management Group

Jan 2017 – May 2018, IIT Roorkee

`React, Redux` `Webpack` `SCSS` `NodeJS`

As a part of IMG, a **college student's group,** mentored and coordinated with college peers to **design** and **develop** multiple college related web apps that were hosted over **campus intranet**.

Designer, Geek Gazette Magazine

July 2014 - May 2018, IIT Roorkee

`Adobe Illustrator`

Worked with a team of designers and editors to **design** the **technical magazine** of our **college.**

EDUCATION

Indian Institute of Technology (IIT) Roorkee

B.Tech Electrical Engineering
2014-2018

SKILLS

Languages

`HTML/CSS, JSX`

`JavaScript, TypeScript`

`SASS/SCSS, LESS`

`Bash, YAML`

Frameworks

`Angular, AngularJS`

`React, Redux`

`Jest, Jasmine, Cypress`

`NodeJS, Express`

Tools

`Webpack, GulpJS`

`Adobe Illustrator, Figma`

`npm, npx, nvm, yarn, ng, nx`

`VS Code, vim`

`Git`

PROJECTS

State.js

Open Source, February 2017

State.js is a library which is used to convert JS objects into observables and has an API to manipulate it. Used Vanilla JS (ES6) and Gulp with Webpack as the build system, Mocha, Chai and Istanbul for testing, Travis for automated build and Coveralls for test coverage.

Google Bard Clone

Open Source, December 2023

Created a clone of Google Bard (Now Gemini) using Angular 17, a chat bot which used OpenAI's ChatGPT API to have real-time conversations

COVID Vaccine Discord Bot

Open Source, May 2021

A side project that I made to send a notification on any discord server if COVID vaccination slots are available according to PIN code or district in any Indian state due to shortage of slots.

Angular Gulp Seed

Open Source, August 2016

Developed a starter project which is used with AngularJS and Gulp, which follows standard MVC architecture.

Change-host

Open Source, July 2020

Wrote a bash script to ease the process of manually changing the etc/hosts file.

Channel i

College Intranet Portal, October 2017 to May 2018

Channel i is the official intranet portal for our college managed by our college group IMG. Worked on the frontend using React, Redux and Webpack which used Hot Module Reloading alongside Server Side Rendering. Used SCSS and React-Semantic to implement the design.

Connect-e-dil

College Intranet App, February 2017

An app which was released in the Valentine's week where people can send roses to each other. The app had different types of leaderboards. Implemented the app using React, Redux, Webpack, SCSS and React-Semantic.

Chat Module for Tagbin

Freelance, October 2016

A messaging module which included normal and group messaging. This was implemented using StropheJS which uses XMPP protocol which was wrapped inside AngularJS.

Chatbot for Ember Labs

Freelance, April 2018

A freelance project, rather a prototype chatbot using react and material-ui which used pre-defined set of messages for customers to book travel itineraries.

For more projects and project details, visit - https://mohitvirli.github.io