

Mohit Virli

SENIOR FRONTEND ENGINEER

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EXPERIENCE

Senior Member of Technical Staff, Cohesity

June 2018 - Present (6 years+), Bengaluru

Angular, AngularJS

TypeScript

SCSS

Jest, Cypress

- Led **refactoring** of core Cohesity Views CRUD workflows to address a significant influx of customer issues.
 - Enabled **flexible form** usage as dialogs, full-page and templates to enhance the UX.
 - Accomplished the feat of **near to zero** customer **issues** to date.
 - Supervised** and **collaborated** with **two contractors** to ensure the code quality, re-usability and documentation with maximum test coverage using UTs & E2E tests.
 - Created** a new **in-house library** to streamline complex form workloads, improving efficiency and deprecating the third-party library usage across the app.
- Developed the UI workflows **Multitenancy** which added support for service providers to host multiple customers at scale.
- Implemented **Internationalization** (i18n) to cater to multi-locale customers across the app.
- Revamped **Data Tiering** with a redesigned UI, resulting in greater customer satisfaction.
- Added support for Cohesity Views in **Disaster Recovery** within a short timeframe, securing critical deals.
- Assisted **SmartFiles** to achieve enterprise-ready quality with the work on the **Dashboard** and the **View** related workflows garnering positive **press** attention.
- Expanded **Protection & Recovery** cloud capabilities by integrating new **Cloud Adapters**.

Software Engineering Intern, Headout

May 2016 - July 2016 (2 months), Bengaluru

React, Redux

JSX

LESS

Jasmine

- Implemented a **Referral workflow** which improved user acquisition.
- 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, NextJS, Redux

Jest, Jasmine, Cypress

NodeJS, Express

Tools

Webpack, GulpJS

Adobe Illustrator, Figma

npm, npx, nvm, yarn, ng, nx

VS Code, vim

Git

PROJECTS

AI Chat bot

Open Source, August 2024

A streaming AI Chat bot which can be used to switch between different LLM models. Used NextJS, React, Tailwind and Vercel for deployment.

Change-host

Open Source, July 2020

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

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 side project which is 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.

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.

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>