

# Mohit Virli

## SENIOR FRONTEND ENGINEER

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### EXPERIENCE

#### Member of Technical Staff IV, Cohesity

June 2018 - Present (~7 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 time, 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**.
- Optimised **Azure Source Tree** to efficiently manage increased **scale**.

#### 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/TSX

JavaScript, TypeScript

SASS/SCSS, LESS

Bash, YAML

#### Frameworks

Angular, AngularJS

React, React-three-fiber, DREI

NextJS

Redux, Zustand

Jest, Jasmine, Cypress

NodeJS, Express

#### Tools

Vercel, Webpack, GulpJS

GSAP, Figma, Procreate

npm, npx, yarn, ng, nx

VS Code, vim

Git

## PROJECTS

### **Portfolio Website**

Open Source, April 2025

Created an interactive 3D personal website using react-three-fiber and DREI. Utilised GSAP for animation, and Zustand for state management.

### **Word-game**

Open Source, August 2024

This word game app offers single and multiplayer modes where players take turns forming words, each starting with the last letter of the previous word.

### **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.

### **Change-host**

Open Source, July 2020

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

### **Chat-bot with model switcher**

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.

### **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.

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