

# Sahishnu Patel

Software Engineer. UI/UX Engineer.

Greater New York Area  
sahishnu.patel@gmail.com  
<https://sahishnu.me/>

## Summary

Crafting memorable user experiences, using technology & design.

Currently working as a front end developer & designer on a number of projects.

- 4+ years of development experience in full JavaScript environments like **MERN** (Mongo, Express, React, Node) & **MEAN** (Mongo, Express, Angular, Node) stack
- Experience developing & designing very modern and responsive **Single Page Applications** (SPA's)
- Experience in writing back-end **RESTful API's** and **Mongo queries** for fetching data
- Good experience using source code control systems like **GIT & Jenkins**
- Follow **Agile/Scrum methodology** of software development to satisfy users with continuous delivery of valuable software

## Education

**New York University** / Graduate School of Arts & Sciences

*Present*

Master of Science in Computer Science

**Rutgers School of Engineering** / New Brunswick

*May 2017*

Bachelor of Science in Electrical & Computer Engineering

*Magna Cum Laude*

## Experience

**Front End Developer** / TD Ameritrade

Feb 2019 - Present

Technologies: React, Redux, JSS, Node, Loopback, Jest, Cypress, Rollup

Working in an agile team to provide automated solutions for infrastructure workflow, inventory, and reporting to engineering teams throughout company

- Take position as **lead developer** to create in-house CMS editor application and work alongside UX designer to **create a seamless experience**
- Kickstart project to create a **repository of shared utilities & components** to be shared across applications
- Develop numerous **views & reusable React components** while leveraging modern day front-end development tools like Storybook UI & Redux
- Provide high confidence in application fidelity by writing automated Cypress tests

## MEAN Stack Developer / Prudential Life Insurance

Sept 2017 - Feb 2019

**Technologies:** Angular 4, Typescript, Loopback, SCSS, Express, Jenkins, GIT, Karma, Mongo, ES6  
Worked in a fully agile scrum team as a front-end developer on Angular SPA's which facilitate financial professionals to drive millions of dollars in insurance policy sales.

- Lead the effort to **develop company-wide best practices** and solutions for MEAN stack applications and develop highly reusable Angular components to be used by other teams
- Follow **TDD methodology** and write **unit tests with Karma** to ensure code meets all requirements and behaves as intended
- Work with DevOps team to create a model **automated deployment pipeline** in Jenkins
- Ensure **cross-browser compatibility** to support all major browsers (Chrome/Firefox/IE/Safari)
- App I worked on is credited as a market differentiator and brought in a **20+ million dollar sale**

## React Developer & UI Designer / Atmiya Care Charities (Volunteer work)

Jan 2015 - Present

**Technologies:** React, Redux, Redux-Thunk, Express, Mongo, Webpack, GIT, SCSS, Mongoose, ES6  
Currently working as lead front-end developer on small, startup-like team to develop a CRM-like application for an organization of 15,000 nationwide. I collaborate very closely with backend-engineers, designer and product owner, occasionally taking on cross-functional responsibilities myself. Product requirements are constantly being implemented, tested and improved.

- Creating numerous **layouts, screens & highly reusable React components** while leveraging application state management technologies like **Redux and Redux-Thunk**
- Implemented **authentication with Google OAuth** along with permission-based access to specific in-application features
- Creating numerous **custom user-input forms** in the application leveraging Redux Form with real-time field level validation
- Implemented an in-app feature to allow users to **report issues, ask questions and request features** allowing us to track and meet user demands

## Skills

### Programming

Languages

JavaScript (ECMA 6), HTML5, CSS3, Git, Java

Frameworks / Libraries

React, Redux, Redux-Thunk, Typescript, Node, Express, JSS, Loopback, Jest

### Design

Skills

Prototyping, Wireframing, Storyboarding, User Flows, Design

Tools

Adobe Suite, Sketch, Flinto, Figma