





# Vraj Shah

## Software Developer

A design-minded software developer with experiences in various aspects of product development.

### Contact

-  [thevrajshah.vercel.app](https://thevrajshah.vercel.app)
-  [thevrajshah@gmail.com](mailto:thevrajshah@gmail.com)
-  [github.com/thevrajshah](https://github.com/thevrajshah)
-  [linkedin.com/in/thevrajshah](https://linkedin.com/in/thevrajshah)

### Skills & Technologies

#### JS

React, Next.js, Express, React Native, Webpack, Svelte, Prisma, Socket.io, Alpine.js

#### Python

Django, Flask, FastAPI, Numpy, Pandas

#### Backend & Infra

WebRTC, Serverless fw, Docker, PostgreSQL, Redis, MongoDB

#### Others

Flutter(Dart), Laravel, Livewire, Golang, Ruby, Kotlin, Java

#### Tools

Notion, Figma, Xd, Mixpanel, Vim, UNIX administration, Photoshop, Premiere Pro

## Software Developer

[bluelearn.in](https://bluelearn.in)

### Bluelearn | Oct '21 – Present

- Independently worked on building multiple iterations of the bluelearn webapp and admin panel. Used **React** in **Nextjs** maintaining a strictly typed environment
- Developed a **headless** CSS UI library based on the design system
- Worked on the **DevOps & CI/CD pipelines** for the webapp using **AWS Lambda, Lightsail & Amplify**
- Worked on an **open-source component library & microfrontend architecture** for code-sharing across platforms with **react native**
- Worked on serveral backend endpoints for features like **push notifications, deeplinking & authentication**
- Presicely configured **webpack** to serve **multi-platform frontends** for the web
- Experimented with various frontend architectures for acheiving optimal **performance, developer experience, delivery time & overall quality**
- Worked on PRD's & POC's for several product feature experiments

## ML Research Project

### ADVentures | Jan'22 –April'22

- Problem statement was around building a solution for fruit & vegetable farmers that helps them measure their yeild with the help of ML
- Researched & developed multiple methods of object detection & counting to compare the outputs, some methods include: **contour-based object detection, watershed algorithm, R-CNN, yolov4 & yolov5**

## Frontend Developer (Freelance)

[presentstorie.vercel.app](https://presentstorie.vercel.app)

### Present Storie | Aug '20 – Feb'21

- Built a **buyer & seller facing webapps** end-to-end from scratch
- Developed my first **styling library** using SCSS
- Pull off several complex UI patterns based on the prototype to about 95% accuracy

### Education

#### Bachelor's in Computer Engineering

Sardar Vallabhbhai Patel Institute of Technology (Vasad),  
2019 – Present

#### Higher Secondary Schooling

St. Kabir School (Vadodara),  
2017 – 2019

### Projects, Volunteering & Acheivements

#### Co-lead [Hack Club SVIT]

- Led **development, design & branding** for our 1000 people strong community & national level hackathon **Hack SVIT**
- Shipped various **landing pages, designs, app & backend** for HackSVIT
- Delivered & hosted several tech talks, workshops & events

#### Student Transcript Dashboard

- Tried building a fullstack webapp with multiple web frameworks including **Laravel, Livewire** & finally **Nextjs** just for experiment sake
- Build infrastucture for generating college transcripts in pdf format after fetching the DB. Used **Prisma ORM** for database operations.

## Projects, Volunteering & Achievements

### Odeo.in – FullStack webapp

- Built a fullstack website using **Next.js**
- Used **PrismaORM** with **postgresql** ensuring strict **typescript** interfacing
- Setup DevOps using **Vercel** & **AWS S3**

### Prakarsh XVI – Website & Backend

- Built a website for our college tech fest with **Next.js**
- Worked with **Strapi** backend & integrated **Razorpay**
- Built a service to automatically generate **payment receipts** & **participation certificates** as pdfs and send them via email.

### College Management System App

- Contributed to SVIT CMS **flutter** app built by students of our college which is in **production** currently
- Work on several screens & features end-to-end

### Participated in 18+ Hackathons & Won 3 of them

- Demoed at about 18 online hackathons by **Major League Hacking** and other organizers
- Won the “Hometown Hero Hack” category in **HeroHacks 2020** by MLH.
- Won the “Best Domain Name form Domain.com” category in **Lights, Camera, Hacktion! 2020** by MLH.
- Won the “Best use of DataStax Astra” category in **Hacktoon 2021** by MLH.