

# Vishal Rana

Final Year (B.Tech)  
Chemical Engineering  
at NIT Rourkela  
CGPA:8.66

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## Links

Portfolio:// [vishalrana.in](http://vishalrana.in)  
Github:// [VishalR3](https://github.com/VishalR3)  
LinkedIn:// [vishal36](https://www.linkedin.com/in/vishal36)

## Skills

### LANGUAGES

C/C++, Python, Javascript,  
TypeScript, Php, Dart

### FRAMEWORK

Next.js, React.js, Vue.js,  
Express.js, AWS Lambda  
Three.js, CodeIgniter, JQuery

### CLOUD SERVICES

AWS, Firebase, Netlify

### DATABASES

MySQL, MongoDB, DynamoDB

### OTHERS

Figma, Adobe XD,  
Markdown, Git, Vim,  
Sublime Text, Visual Studio Code,  
Adobe Illustrator, Adobe Photoshop

## Education

### B.Tech. in Chemical Engineering

2018-2022  
NIT Rourkela  
CGPA : 8.66/10

### Intermediate

2017  
Divya Public School,  
Thanabhawani Shamli, UP  
Percentage: 93.6%

### High School

2015  
Divya Public School,  
Thanabhawani Shamli, UP  
CGPA: 9.8/10

## Highlights

### 2020 Chief Technology Officer at GoGrocy - A E-Commerce Website

Built the complete website of GoGrocy by myself in less than a week.  
I Used Codeigniter and MySQL for Back-end and Basic front end technologies for the front-end.

*JavaScript, CodeIgniter, PHP, JQuery, Firebase, MySQL*

### 2022 VC++

Found a problem with traditional VC solutions and created this fully functioned Video-Conferencing app in just one day of time. It is made with webRTC. It works just like other video-conferencing apps with high quality video and zero lag.

*WebRTC, React, Express, Socket.io, Peerjs*

## Experience

### 2021 Web Developer at DocConnect

I worked as the team lead and full stack developer for a year in this startup. This platform tackles a recurring problem of deficit of medical professional be it chief surgeon, asst. surgeon, anaesthetist in the time of complex and emergency surgeries

*React, Firebase, TypeScript, JS, Express.js*

### 2021 Full Stack Developer at SurgeryMaps

Designed and finished this complete product in just one month all by myself. It is a web app for people to make a well informed decisions about their surgery. It offers customised options from Choosing their Chief Surgeon to even their Room Conditions.

*React, Firebase, Maps API, JavaScript, CodeIgniter, PHP, MySQL*

### 2021 Software Developer at PRCMS

Designed the ML algorithm and integrated it with the front-end and back-end of this application. This recognises people entering and leaving company premises and do a bunch of other stuff with data.

*Machine Learning, Tensorflow, AWS, JavaScript, PHP, Firebase, MySQL*

### 2020 Technical Coordinator at Monday Morning

I lead the complete overhaul of the Monday Morning Website and Android App. We totally changed its look and feel, alongwith all the tech stacks underneath.

*React.js, GraphQL, Firebase, Express.js Node.js, MongoDB, Mocha*

## Projects

### 2021 ECG Wearable

Created a Sensor and coded the ML algorithm to obtain, clean and analyse the heartbeat data received from sensor and developed a complete web app for displaying that data in user-friendly form.

*Python, Tensorflow, OpenCV, React, Express, MongoDB, GraphQL*

### 2021 Gamify in Myntra Hackathon

Developed mini 3D games and 3D House using three.js and Blender.

*Web3, Three.js, React, Blender, ether.js*