



# Vaibhav Chopra

Software Engineer, Celo India Fellow, Student Researcher at Samsung Prism.

I'm a curious student of the art of Computer Science. I'm always ready to take up projects and determined to complete them successfully. I love to interact with people through webinars and mentoring in hackathons.



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github.com/sudo-vaibhav



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## SKILLS

AWS

Blockchain

DevOps

Docker

Git

GraphQL

Kubernetes

Linux

Microsoft Azure

MongoDB

PostgreSQL

Python

React

Tailwind

## LANGUAGES

English

Full Professional Proficiency

Hindi

Native or Bilingual Proficiency

## INTERESTS

Reading

Fitness

Gaming

## EDUCATION

### B.Tech. CSE

Vellore Institute of Technology, Vellore

07/2019 - Present

Current CGPA - 9.39/10

## WORK EXPERIENCE

### Software Developer

Prisha Insurance Brokers Pvt. Ltd.

03/2021 - 04/2022

- Developed several applications responsible for vital operation from scratch.
- Spearheaded the use of cutting-edge technologies like **GraphQL**, **Gatsby**, **MongoDB**, **React**, and **Progressive Web Apps** to enhance developer and customer experience.
- Optimized the digital footprint and increased unique visitors by 50%.

### Blockchain India Fellow

Celo

06/2021 - 08/2021

- Developed several decentralized applications involving the using the **WEB3 SDK**.
- Contributed to open source and documenting core libraries using **Storybook** and **Docusaurus**.
- Conducted several presentations and talks on Celo.

## ORGANIZATIONS AND VOLUNTEERING

Community Lead at Student Technical Community (STC-VIT) (03/2021 - 03/2022)

Streamlined processes leading to a 40% increase in technical project output and social media stats.

## PERSONAL PROJECTS

Solidity Push Notification Service - Push Notifications for Web3

- Improved the User Experience of Ethereum-based blockchain applications. Analyzed the technical limitations and developed a thoroughly tested solution. Employed modern technologies like **Solidity**, **Jest**, **Docusaurus**, **Kubernetes** and **Web Sockets**. [sudo-vaibhav/solidity-push-notification-service \(github.com\)](https://github.com/sudo-vaibhav/solidity-push-notification-service)

Smriti - Alzheimer's Patient Assistant App

- Engineered a custom-made pair of glasses fitted with a camera module using **Raspberry Pi** for face detection along with a companion application built with **Webpack** and **Typescript**. Conducted a case study and devised an innovative solution to a widespread problem. [sudo-vaibhav/smriti-app \(github.com\)](https://github.com/sudo-vaibhav/smriti-app)

DCompute - A Decentralized WASM Powered Compute Marketplace

- A project that tackles the semiconductor shortage and increasing cloud computing bills by allowing users to exchange their time and compute resources, through a platform powered by **Web Assembly**, **AssemblyScript**, **React** and **Node JS**. [sudo-vaibhav/DCompute \(github.com\)](https://github.com/sudo-vaibhav/DCompute)

## ACHIEVEMENTS

DevSoc-2021 by CodeChef - Best UI/UX and Rarible NFT Track Winner (05/2021)

A 36-hour international hackathon conducted by CodeChef VIT.

Hackout by Headout Winner - 3rd position worldwide (11/2020)

A 48-hour international virtual hackathon with over 750+ participants all across the globe.