







Neil Agarwal

I'm a computer science enthusiast who loves to design experiences. Currently pursuing a B. E. in Computer Engineering from D. Y. Patil's Ramrao Adik Institute of Technology, Mumbai. (Expected 2021)

INFO

-  Navi Mumbai
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SKILLS

Web

- Vue.js
- React
- Node.js
- Webpack
- WebGL
- web3

Native

- React Native
- Android (java)

DevOps

- Git
- Docker
- Jenkins

UI/UX

- Figma
- Adobe Illustrator

Other

- Unity3D
- Sound Design

WORK & RESPONSIBILITIES

- Tech Head at CSI-RAIT (2019)
- Full stack developer internship at decoders.co (2019)
- Internship under D. Y. Patil's Software Development Group (2018 - 2019)
- Co-founder and Lead Developer at halogenOS (2015 - 2018)
- Tech Assistant at Google Developers Student Club RAIT (2018)

PROJECTS

Cynthesize

Community Evangelist and Developer | 2019 |  cynthesize

A gamified platform aiming to bridge the gap between innovators and industry-personnel

- Selected for Rails Girls Summer of Code (RGSoc) 2019
- Fully Open Source on Github. Built with Hasura's GraphQL Engine and Angular 7

halogenOS

Founder and Lead Developer | 2015-2018 |  halogenOS

A minimalistic, open-source, after-market distribution of the Android Open Source Project

- Hit more than 5000 daily active users
- Was optimised to have better battery life and included tons of other features
- Built a global team of developers and designers

SafeMed

Lead Developer | 2019 |  regalstreak/safemed

A blockchain powered full stack medical records platform, fueled with Machine Learning

- A solution to medical prescription forgery, and counterfeit drugs
- Built on the Rinkeby Ethereum testnet with web3 and contracts written with Solidity
- Includes disease detection based on report results with datasets from Kaggle

dyTV

Lead Developer and Server Administrator | 2019 |  regalstreak/dyTV

A live streaming server specially designed for the faculty of D. Y. Patil University, Mumbai

- One-to-many streaming for speeches and workshops with RTMP and MPEG-DASH
- Included a portal for sharing research projects and related documents securely
- Won 1st prize and best project award from SDG-RAIT 2019

autoCorrect

Frontend Developer | 2019 |  regalstreak/autocorrect

Automated college test paper correction using Natural Language Processing

- Test paper is scanned with a phone camera and handwritten text is gathered
- The text is then compared to model answers and scored using semantic similarity

ACHIEVEMENTS

- 1st in D. Y. Patil's SDG project competition 2019 @ RAIT
- Attended hackinthenorth 4.0 - one of India's largest hackathons @ IIIT-A 2019
- 5th at XinFin's Blockchain hackathon 2019
- Attended iHack 2019, IIT-B's blockchain hackathon