

HARSH SINGH

Web Developer - Pune

✉ [Mail](#) [in](#) [LinkedIn](#) [Github](#) [Website](#)

Education

D Y Patil College of Engineering

Jul 2018 - Jul 2022

Bachelor Of Engineering in Elelctronics And Telecommunications, 8.32

Pune

Projects

Netflix Clone - Link |

Sep 2021

- React based web app build from scratch that fetches movies/series and displays them as per genre by implementing TMDB API.
- Added features like Authentication and Trailer Playback.

User Authentication API - Link |

Sep 2021

- Developed Authentication API using Node.js, Express.js and jsonwebtoken, MongoDB database to store the user information
- Utilized Bcryptjs to Hash passwords before storing them in database
- Deployed authentication using JWT upon Login

Markdown Blog - Link |

Aug 2021

- Designed a Blog Website with **Create, Update, Delete and Read** functionalities using Ejs, Node.js, Express.js, MongoDB
- Enabled the creation of new blog articles along with the use of DOMpurify that sanitizes HTML
- Utilized HTML, Bootstrap to have a friendly front-end and EJS to generate Web pages in response to URL requests

Postmaster : Postman API Clone - Link |

Aug 2021

- Tech used: VanillaJS, Bootstrap
- Using HTTP methods(GET and POST), Postmaster can fetch data converting the API into code in JSON format

Technical Skills

Languages : Javascript, Python, HTML/CSS, SQL, MongoDB

Developer Tools : VS Code, Github, Postman, Jupyter Notebook, Pycharm, Proteus

Frameworks : ExpressJS, Bootstrap, NodeJS, ReactJS

Familiar With : IoT, Machine Learning, Artificial Intelligence

Position Of Responsibility

SDE Intern

Bangalore

Frshr Technologies : NodeJS Developer

Oct 2021

- Being a part of the Backend Team got to work on building an automated email system.
- Used Hubspot-Workflows to create workflows for the same.
- With the use of NodeJS integrated the automated replies which will be sent to the user via Emails/SMS on different response on website.
- These were predicted to increase the website traffic by 25 percent.

Team Lead

College Technical Club

Project Undertaken : IoT based Garden Monitoring System

May - Jun 2021

- Executed the idea of eliminating the work and time in fields and thus managing a team of five, built a system to measure the favourable conditions for garden and monitor them using an IoT device.
- Used ThingSpeak Cloud for retrieval of data received from ESP8266 WiFi Module.
- Using the Cloud's data, monitored them on mobile device using Blynk App.

Project Undertaken : VR Telepresence Model

Nov - Present

- Working with a team of four to make a VR Telepresence Model which will use concepts of Virtual Reality, Raspberry-Pi, Arduino and Robotics.

Area Of Interest

- Learn and gain skills in both Back and Front-end Development, Machine Learning, ReactJS Framework