



NITHYASEKHA R

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🐙 [Nithyasekhar's github](#) 🌐 [Nithyasekhar's Website](#).

Education

SSNCE, BE. in ECE CGPA: 8.3 (Exp. 2022)	Sri Sankara Vidyalaya(HSS). Overall:92.83% PCM(CutOff):192.5 (2018)	Sri Sankara Vidyalaya(SSLIC). Overall:95% (2016)
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Experience

Open Cubicles

Feb 2021 – March 2021

Full stack development Intern

- Worked in backend servers for storing the user data in a **My SQL** database.
- Integrated a camera module and fixed some bugs in an **React native** based app.
- Explored ways to visualize and send a daily report of test results to team members using HTML, Javascript,CSS and ReactJS. [Click to view the certificate.](#)

Projects

Face recognition app | *Reactjs, NodeJS, Postgres SQL, HTML/CSS, REST API*

March 2021

- An interesting face recognition app which recognizes the face based on **Clarifai API**.
- The frontend of the app is built using **ReactJS** and the backend of the app is powered by **NodeJS**. They both are connected together by using a **REST API** of the **NodeJS** server.
- The OAuth details are hashed based on **bcrypt** and they are stored securely in a **Postgres** database.
- The front end of the app is hosted in github pages and the back end of the app is hosted in **Heroku** web server.Website: [Face recognition app\(Click it\)](#). [Click to view code](#)

Disaster management | *Java, Android Studio*

December 2020

- A disaster management project that gets tweets from the twitter based on an real time official **Twitter API**, it gets data related on help during any disaster and the location is plotted in a map in an **android** application.
- The twitter data is processed in an **NLP tool Wit.ai** and the analyzed data is hosted in a **Heroku** server which is powered by **NodeJS** and it is linked to a **android app** through a **REST API (Click to view it)**. [Click to view code.](#)

Todolist app | *NodeJS, HTML/CSS/EJS, MongoDB, Mongoose*

October 2020

- An interesting todolist website powered by NodeJS backend server.
- In the frontend it uses **Embedded Javascript, HTML** and **CSS**.
- The todolist data is stored in a **MongoDB ATLAS** database and this entire website is hosted in **Heroku** web server. Website: [Todolist app](#). [Click to view code.](#)

IFP | *MongoDB, NodeJS, Java, ATMEGA2560, ESP8266*

October 2020

- College Internally Funded Project. Valued and approved at INR 10,000.
- Built an Indoor navigation robot controlled using **Android App**. Uses **REST API** connected to a **NodeJS** Server with **MongoDB** to connect over WiFi to robot. Uses **A* Algorithm** to calculate path. [Click to view code.](#)

COVID 19 X-RAY Classifier Website | *Flask, ReactJS, Java*

October 2020

- Built an Image Classifier using **Deep Learning** that classifies Chest X rays as having COVID-19 or not.
- Used **ReactJS** as a front end and **Flask** as a backend for the website. **Android App** using **Java**.
- OAuth for logging in and user details stored on database.

Mini Projects | *REST API, NodeJS, HTML/CSS/EJS, MongoDB, ReactJS*

October 2020

- A Newsletter app which stores the user in a **Mailchimp** server. Website: [Newsletter app\(Click it\)](#). [Click to view code.](#)
- A Keeper app based on **ReactJS**. Website: [Keeper app\(Click it\)](#). [Click to view code.](#)
- A Portfolio website styled with **Bootstrap v4.3** and **Custom SCSS** which is fully responsive and it is optimized by using **web pack** and the website is hosted in **netlify**. [Click to view code.](#)

Technical Skills

Languages: Python, HTML/CSS/EJS, NodeJS, Javascript, SQL, MongoDB, ReactJs, Java, C, C++.

Developer Tools: VS Code, Sublime text, Atom, Android Studio, Postman, Pg admin, Github, Hyper, Pycharm, Xcode.

Achievements and certifications

- Udemy courses:The complete 2020 web development bootcamp under **London app brewery**.Data structures and algorithms under **ZTM academy**. [Click to view certificates.](#)
- Coursera courses: Python, PHP, SQL courses under university of Michigan. [Click to view certificates.](#)
- **Manipal Hackathon 2020**: Finalists. **Eyantra Robotics** Competition: Ranked 80/700 teams.
- 3* in solving hackerrank problems. [Hackerrank-profile.](#)