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# Tirth Bharatiya

[tirthbharatiya.com](http://tirthbharatiya.com)

**Software Developer** (and 2nd year CS student)

Profiles: [linkedin.com/in/tirth1](https://www.linkedin.com/in/tirth1), [github.com/tirth1](https://github.com/tirth1)

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## SKILLS

C, C++, Python, Java, Node.js & Express, Front-End (JavaScript, HTML, CSS), Oracle, MongoDB, REST APIs

## EDUCATION

**Charusat University** - *BTech in Computer Science (9.19/10 GPA till 3<sup>rd</sup> sem)*

## PROJECTS

### Hospital eCard (An IoT Project)

- Creating a product where a user can get their all reports from any hospital's system
- Where we will scan user's ID using RFID and Arduino
- So at time of emergency doctor don't need to wait until patients bring their reports
- Developing backend with Node.js and MongoDB database

### Task Manager

[github.com/tirth1/task-manager-api](https://github.com/tirth1/task-manager-api)

- Creating a task manager using Node.js and Express RESTful APIs
- With user authentication using jwt and handled data in the JSON
- Tested all API with Postman
- Used MongoDB as a database and Robot 3t

### Weather Application

[github.com/tirth1/weather-webapp](https://github.com/tirth1/weather-webapp)

- Creating a weather application using Node.js and Express
- Used dark sky public API to fetch weather data

### Notes application

[github.com/tirth1/notes-app](https://github.com/tirth1/notes-app)

- Creating a simple console based notes application with Node.js
- Where user can take note down and get their notes through console

### ToDo List

[github.com/tirth1/todo](https://github.com/tirth1/todo)

- Creating a todo list for personal use to manage the time
- Developing using HTML, CSS and JS

### Real Time Chat Application

[github.com/tirth1/chat\\_web\\_app](https://github.com/tirth1/chat_web_app)

- Creating a web application with Node.js and Socket.io where users can chat using web-browser
- One user can create the room for chat and other can join that room using code

- No need to provide mobile number

### **Plannie (An Android Application)**

- Creating an Android application (with Android Studio and Firebase) to manage all day activities like gym, purchase product and other task
- Users can keep track of their exercise and can give required time to every exercise.

### **Parking Management System**

[github.com/tirth1/parking\\_management](https://github.com/tirth1/parking_management)

- Created a simple Parking management project using C language.
- Where admin can login using username and password
- Admin can charge money according vehicle and time duration of parking
- At the end program will generate receipt according inputs

## **CERTIFICATION**

NPTEL Certification, Programming in C

CSI Regional Student Convention, Image classification using ML and Tensorflow