

SHAMIK BERA

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Portfolio Website- <https://shamikportfolio.netlify.app/>

Education

2019-present	VELLORE INSTITUTE OF TECHNOLOGY Bachelor of Computer Science Engineering(Second year);Technical Team Leader of Innovator's Quest VIT;Core committee member of IEEE-CAS; CPGA-8.4	Vellore, IN
2017-2019	PRAKASH COLLEGE OF COMMERCE AND SCIENCE 75% in Higher Secondary Examintation(Class XII State Board)	Mumbai, IN
2007-2017	RYAN INTERNATIONAL SCHOOL 90% in Secondary Eduication Examintation(Class X ICSE Board)	Mumbai, IN

Skill-set

- **Languages:**C,C++,Java,Python,HTML,CSS,JavaScript
- **IT Constructs:**DS and Algorithms,OOPS,OS
- **Devemopment Tools:**Microsoft Visual Studio,PyCharm,Sublime Text 3,Eclipse
- **DB languages:**SQL

Projects

Jul'20-present **Developing and designing a responsive website with face detection from an image.**

- Designed the website and completed the **front-end** for the application and implemented **React.js** and also some dependencies like **Tachyons,Particles.js**
- Implemented a **Machine Learning API,Clarifai** and made **custom API calls** to the model with **input** as **image URLs** and collected **data** as **co-ordinates** of region where the face is located in the image input
- Created a **Server API** for taking in **registrations** and **sign-in** data from users in form of **JSON Objects** and authenticate the data from the **databases** using **Transactions** from **Knex.js** and also used **bcrypt-nodejs**.**Currently** fixing some **major** and **minor bugs** for deployment of the web application

Jun'20-Jul'20 **Developed a responsive weather station web application using Weather API**

- Developed a website which is fully-featured weather forecast web application implemented with the **Weather API** from **OpenWeatherMap** and **React.js**.
- Managing different **states** of the web application by using **Hooks**, and was able to **change** the **states** as per the inputs given by user effectively.
- Designing of **search box** and **cards** components and making **API calls** with the **input (name of a city or a country)** as provided by user in search box and collecting the **JSON Object** and then **marshalling** of the **data** and **loading** in their respective **components**
- Link to the project- <https://shazm12.github.io/weatherwebapi/>

May'20-Jun'20 **Developed a Real-time chat application using Serverless Back-End**

- Developed a website which is has card components with **data** as **messages** of several **users** and is implemented with **React.js**
- Managing different **states** using creating custom **classes** and **state objects** which contains the **property value** that belongs to the **component**
- Using **Firebase** as a **Serverless Back-End** which responds with the message of the user and the **photo URL** of their account and allowing **multiple users** to send messages in the chatroom.
- Link to the project- <https://github.com/shazm12/anonymychat.in>

Activities and Interest

- Was a speaker at at the Full-stack development webinar organised by Innovator's Quest VIT
- Project Team Leader of Innovator's Quest VIT for 2 months.
- Passionate about producing music