

Jhabar Singh Bhati

jhabarsinghbhati23@gmail.com | 91+ 6377753489 | MS Ramaiah Hostel Bangalore, 560054 |
<https://github.com/jhabarsingh> | <http://jhabarsinghbhati.me/>

EDUCATION

MS Ramaiah Institute Of Technology, Bachelor of Engineering in Computer Science, Bengaluru *Aug 2018 - Aug 2022*

- Current Cumulative GPA: 3.5/4.0
- Relevant Coursework: Operating System, Computer Networks, Database Management System, Data Structures and Algorithms.

Army Public School Jodhpur, High School, Rajasthan *June 2015 - June 2017*

- Cumulative GPA: 3.8/4.0
- Relevant Subjects: Maths, Computer Science (*Optional*)

EXPERIENCE

Indian Road Safety Campaign *Django Developer, June 2020 - September 2020*

- **Techstack:** *Django, Django RestFramework, Postgresql, AWS(S3 bucket, Amazon RDS, AWS EC2 Instance), Docker, Git*
- **Optimization:** Improved the performance of the app by *paginating* the backend Api's and *lazily loading* the data on the front end. Previously response payload size was more therefore *browser loading time* was high which was affecting the *User's Experience*.
- * Created *certificate generation app* from scratch which dynamically generates the certificate. To make it more dynamic we stored all the dynamic parameters like *font size, font type, font weight, etc* into the database. Created the certificate editor to edit the certificate and it's parameters.

SKILLS

- **Programming Languages:** *Python, JavaScript, Java, C, C++, HTML, CSS*
- **Frameworks and Libraries:** *React, Vuejs, Django, Django RestFramework, Nodejs*
- **Miscellaneous Technologies:** *OOP, APIs, Git, Mysql, MongoDB, Docker, Firebase, AWS*

PROJECTS

DSALGO *let's make ds algo fun*, *DsAlgo visualizer* is made for the students who want to learn Data structures and algorithms with animated visualizations. DsAlgo visualizer includes data structures like *array, string, matrix, stack, queue, heap, linkedlist, binary search tree, graph, disjoint set, hash tables* and many algorithms like *binary search, sorting, backtracking, etc*.

- (<https://github.com/jhabarsingh/DSALGO-VISUALIZER>)

DOCMED, built this website so that *users* could interact online with the *doctors* during *Covid 19* pandemic time.

- ML Model to predict covid from *Chest XRAY reports and symptoms*.
- Added a *Chatbot* named *COVAT* to clear up the user's queries • *Graphical* interface to see the *Covid* cases (world / country).
- Interact with the *doctors* nearby you and have an *appointment* with them.
- (<https://github.com/jhabarsingh/DOCMED>)

STARDUST *Space tech team*, *Stardust* is a *Dynamic Single page Application* built for the college *stardust team*

- Integrated with the *Firebase* so that team leaders could dynamically add *team members* and *team events*.
- (<https://github.com/jhabarsingh/STAR-DUST>)

OPEN SOURCE CONTRIBUTIONS

- **Mozilla Probescraper** (<https://github.com/mozilla/probe-scraper/commits?author=jhabarsingh>)
- **Django RestFramework-stubs** (<https://github.com/typeddjango/djangorestframework-stubs/commits?author=jhabarsingh>)
- **Mozilla OpenWPM** (<https://github.com/mozilla/OpenWPM/commits?author=jhabarsingh>)