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**Career Objective:** Looking forward to build a career in the fast-paced Computer Science & Information Technology Industry as a Software Developer. Where I can utilize my technical skills towards the development and implementation of new ideas & hence contributing towards the growth of not only the organization but also towards the society. Willing to be a part of a challenging environment to ensure steep rise of my learning curve.

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## EDUCATION

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| <ul style="list-style-type: none"><li>• <b>Chandigarh University, Mohali</b><br/>Bachelor of Engineering in Computer Science; CGPA: 8.3</li></ul>          | Chandigarh, India<br><i>Aug 2020 – June 2024</i> |
| <ul style="list-style-type: none"><li>• <b>Dreamland School, Uttarpara</b><br/>Indian School Certificate (ISC); Percentage: 85%</li></ul>                  | Kolkata, India<br><i>Apr 2019 – Mar 2020</i>     |
| <ul style="list-style-type: none"><li>• <b>Dreamland School, Uttarpara</b><br/>Indian Certificate of Secondary Education (ICSE); Percentage: 85%</li></ul> | Kolkata, India<br><i>Apr 2017 – Mar 2018</i>     |

## EXPERIENCE

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| <ul style="list-style-type: none"><li>• <b>Ecom Express Ltd.</b><br/>Software Developer Intern<ul style="list-style-type: none"><li>○ <i>Chatbot Enhancement –</i><ul style="list-style-type: none"><li>➤ To build a chatbot using pure JavaScript for taking user query and the query will be submitted to a particular person in-charge.</li><li>➤ Generate a welcome message followed by a dropdown and sub-dropdown depending on the selection made.</li><li>➤ Then a message box will be displayed where the user can type down query related to the section selected.</li><li>➤ At the backend, all the mail-ids were stored in a different table and it was mapped using Many-to-Many relationship with all the sections.</li><li>➤ Also maintained some default mail-ids in the JSON file which will be used in case no mail id is mapped for any particular section, hence no query will be missed in case of miss-mapping mail ids in the backend.</li><li>➤ Drafted the mail format along with all the necessary details of the user who is sending the query like Group Code, Location, Designation, the section and sub-section selected from the dropdown in chatbot and the corresponding query typed.</li></ul></li><li>○ <i>Hubs Visualization –</i><ul style="list-style-type: none"><li>➤ Fetched all the hub names from database, rendered it to html file and dynamically displayed in grid(table) format using jinja templating.</li><li>➤ Connection to the database was done before rendering the html file and the credentials of connecting to the database was stored and accessed from settings.py file.</li><li>➤ Fetched latitudes and longitudes of all available hubs from database, few of them were hard-coded in JSON file as the new hubs were yet to be added in database.</li><li>➤ Using folium package, plotted all the hubs in the map using the co-ordinates and rendered the map to the html file.</li><li>➤ For better visualization displayed the hub name and designed an icon showing the hub name over it. Hence, the hub names were shown in two formats – Grid View &amp; Map View allowing the user to toggle between the two.</li></ul></li><li>○ <i>Calendar Implementation –</i><ul style="list-style-type: none"><li>➤ All the available reports with date were stored in the database and the task was to highlight all the dates of available report in calendar.</li><li>➤ Made a dynamic calendar using pure JavaScript and two buttons “previous” and “next” for navigating between months.</li><li>➤ Fetched all the dates of available reports from backend and highlighted in the calendar and made it interactive by allowing the user to click on any particular highlighted date and the corresponding report will be displayed in a fresh page.</li></ul></li><li>○ <i>Logging User Activity –</i><ul style="list-style-type: none"><li>➤ Task was to record and store the following in the database – logged-in, current page visiting, session-id, logged-out.</li><li>➤ Made a class in Django Models, declared the respective fields in it and stored the above information in the table.</li><li>➤ When the user requests for any particular API, its respective function is called which dumps all the value in the database.</li></ul></li></ul></li></ul> | Gurgaon, India<br><i>May 2022 – Aug 2022</i> |
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- **Eternity Foundation** Work from Home  
June 2021 – Aug 2021  
Full Stack WEB Developer Intern
  - *Website Enhancement –*
    - Worked on organisation's website for better UX and styled the navigation bar using pure CSS.
    - Few pages were not responsive, made them mobile screen view by styling the HTML page from scratch using CSS (no Bootstrap used)
    - Made few input forms for accepting user details and connected it with MySQL using PHP also represented the data from MySQL to a separate HTML page making it more secure to not to access the database.

## TECHNICAL SKILLS

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- **Skills:** Java, JavaScript, Python, Version Control (GIT), MongoDB, MySQL, ReactJS, C/C++

## PROJECTS

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- **Myntra Clone Web Application** Sept 2022 – Dec 2022  
*Tools used: Django & JavaScript*
  - User can login/register by using their email, phone number or any social media accounts.
  - User can chat directly to the vendors and get their queries clarified and user could view all the previous ordered and delivered in the order history portal.
  - User can track their ordered item status and the date of delivery timings and after delivery can also provide their feedbacks with rating.
- **Trip Calculator Android Application** Dec 2021 – Feb 2022  
*Tools used: Android Studio with Kotlin, Room database*
  - User authentication feature by verifying user through mobile otp and register user successfully.
  - User can start a new trip and can add other trip members by sharing a private link to join the same group and share the trip expenditure done by every individual with proper remarks, date and time will be automatically saved.
  - Fares for each individual gets calculated after every entry and only the admin/trip head has the power to remove anyone from the group.
- **Spotify Clone Web Application** May 2021 – Aug 2021  
*Tools used: HTML, CSS & ReactJS*
  - User can login using their social media platform or can use their login credentials to log in to the app.
  - Users can easily shuffle their favourite songs list to enjoy any songs randomly and can explore their favourite playlist from mobile making it responsive as well.
  - Admin can manage the whole application and music streaming portal through an effective admin panel provided to them and can also upload new playlist from the back-end panel.
- **Realtime Chat Web Application** Jan 2021 – Mar 2021  
*Tools used: NodeJS & socket.io*
  - Storing the information of each client connected to our server and in order to identify each client, we'll ask the users to enter their name in a prompt and additionally we'll save their socket id.
  - When a user joins the chat room or exits, a prompt is made to other users about the activity.
  - The chat application was made responsive (mobile screen view) without using bootstrap and was styled with pure CSS for better UI/UX and the client-side functionality was done using JavaScript.

## CERTIFICATIONS

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- **Software Testing, NPTEL** Aug 2022 – Oct 2022  
Techniques and algorithms for test case design: Graphs based testing, Input space partitioning, Syntax based testing, Symbolic & Concolic testing.
- **Web Development, INTERNSHALA** Nov 2021 – Feb 2022  
Designing static pages using HTML and making it dynamic using JavaScript, Backend functionality via Node and Express, Databases: MongoDB, Connecting frontend and backend with RESTful API's.
- **Data Structures & Programming in Java, COURSERA** Oct 2020 – Mar 2021  
OOPs, Array, String, Recursion, LinkedList, Stack, Queue, Binary Tree, HashMap, HashSet, Collection framework  
Exceptional Handling, Multi-threading, File Handling, Searching & Sorting Algorithm, Synchronisation, Serialisation & De-serialisation, Generics.