

MANSIMAR KAUR

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EDUCATION

Year	Degree/Exam	Institute	Marks
Pursuing (2 nd Year)	B.E. in Computer Science	Netaji Subhas Institute of Technology, Delhi University	75.6% (Sem 1-3)
2014	C.B.S.E./XII	Mount Carmel School (Chandigarh)	97.00%
2012	C.B.S.E./X	Mount Carmel School (Chandigarh)	10CGPA

ACADEMIC DISTINCTIONS

Awards	<ul style="list-style-type: none">Received the award of excellence for commendable performance in Grade 12Bagged the All-Rounder award in Grade 10	2014 2012
Competitive Exams	<ul style="list-style-type: none">99.99 percentile in JEE-MAINS98.95 percentile in JEE-ADVANCED	2014 2014

WORK EXPERIENCE

- Web Developer, CSI-NSIT** (www.csinsit.org) August, 2015 – Present
 - Responsible for the maintenance of the official websites of CSI NSIT and CSI's annual fest Techelon.
 - Developed a platform using PHP to organize an online treasure hunt during Techelon.
 - Organized various web development competitions under the name of CSI throughout the year.
- Web Developer, CollegeSpace** (www.updates.collegespace.in) November, 2014 – Present
 - Regularly maintaining the website and updating its content.
 - Managing and updating Facebook group (over 4300 members) and Facebook page (over 3200 likes).
- Web Developer, Web Committee (GH-1 NSIT)** December, 2015 – Present
 - Responsible for the development of the official website of Girls Hostel 1, NSIT.

PROJECTS/INITIATIVES

- TCP File Transfer Application (Ongoing)** (<https://github.com/kamsuri/FTP-java-project>)
Working on a client and server program based application with a GUI that relies on TCP for file exchange.
 - It is being developed using Java socket programming and Java AWT.
 - It will allow the client to lookup in the server directories to choose which file to download and also upload files from own system onto the server.
- Resume Builder (Ongoing)** (<https://github.com/MansimarKaur/frontend-nanodegree-resume>)
Developed an interactive resume builder using JavaScript.
 - It allows the user to input entries in the class created and then it automatically builds the resume.
- A-B Testing Framework** (<https://github.com/sahildua2305/A-B-testing-PHP>)
Created a light-weight, modular framework using PHP (PDO) for automating A/B testing.
 - It acts as an HTTP reverse proxy for any backend serving the traffic.
 - It is able to split the incoming traffic amongst the segments.
 - It uses an adaptive algorithm to favor the winning segment while splitting the incoming traffic.
 - It tracks the goal and automatically declares a winner at the end of the mentioned time frame.
 - It is able to switch to the segment that wins statistically at the end of the experiment.
- Treasure Hunt Game**
Developed a web application for online treasure hunt 'Enigmata'.
 - Its platform is built using PHP, MySQL (Object Oriented), HTML, JavaScript and CSS.
 - The competition witnessed a participation of more than 500 college students.
- Disaster Management App** (<https://github.com/HeadlessException/HeadlessException.github.io>)
Created the web dashboard for an android mobile app to disseminate information about disaster struck areas and precautionary measures to be followed during a disaster.
 - The dashboard uses Firebase (JavaScript) for updating the data in real time and making it accessible to the app.
 - It uses Google Maps API (JavaScript) to plot disaster struck areas on a map.
- GH-1 Website**
 - Developed a website for Girls Hostel-1 using WordPress which got approved as the official website of GH-1.

TECHNICAL SKILLS

- Languages and Tools: C, C++ , PHP, Java, JavaScript, HTML, CSS , WordPress
- Database Systems: MySQL, Firebase