



## DHARMIK BATRA

Course : **B.E. (Hons.)**, Computer Science, 2023  
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CGPA : 7.23



### ACADEMIC DETAILS

COURSE	SPECIALIZATION	INSTITUTE/COLLEGE	BOARD/UNIVERSITY	SCORE	YEAR
CLASS XII	SCIENCE	Heera Lal Public School	CBSE	88 %	2019
CLASS X		Model School Rohtak	CBSE	10 CGPA	2017

<b>Subjects / Electives</b>	Data Structures and Algorithms, Object Oriented Programming, Database Systems, Fundamentals of Finance and Accounting, Computer Programming, Probability and Statistics, Operating Systems
<b>Technical Proficiency</b>	C++ Language, Web Development, Node.js, Angular, C Programming, MongoDB, SQL Database, Python3, React.js, Django

### SUMMER INTERNSHIP / WORK EXPERIENCE

<b>Software Development Intern, Linecraft AI</b>	May 2022 - Jul 2022
<ul style="list-style-type: none"><li>Added some features to the currently existing product of the company.</li><li>Made a custom calculator which lets users to see any expression of parameters of their manufacturing firms with respect to time.</li><li>Technologies used: ReactJS, NodeJS, NextJS, Javascript, TypeScript</li></ul>	
<b>Website Development Intern, Cateina Technologies Private Limited</b>	May 2021 - Jul 2021
<ul style="list-style-type: none"><li>Developed the front-end of a web application using <b>Angular framework</b></li><li>It enabled users to purchase or use <b>API services</b> and worked on the registration component of the web application.</li></ul>	

### PROJECTS

<b>Private Chat Room - Web Application Development</b>	Feb 2022 - Mar 2022
<ul style="list-style-type: none"><li><a href="#">Github</a>   <a href="#">dharmikbatra-chat-app</a></li><li>Built an anonymous chatroom web application where users can create and join private chat rooms using room codes.</li><li>Users can send text messages, their location, and images. Used web sockets to implement real-time information transfer.</li><li>Even implemented a profanity checker for the sent messages. Any messages with abusive words do not get sent across through the server.</li><li>Tools/Technologies : Node JS, Express, HTML/CSS, Handlebars</li></ul>	
<b>Preserve Website - Web Development</b>	May 2021 - Jun 2021
<i>Collaborative Project</i> <a href="#">Website-Link</a> <ul style="list-style-type: none"><li>Developed the backend of an interactive website that helps users to preserve the important and precious moments of their life.</li><li>Backend technology used is <b>Node.js</b> and <b>Express.js</b> and for storing database MongoDB.</li><li>React dependencies &amp; material-UI libraries were used as frontend frameworks.</li></ul>	
<b>Routing Protocols for Energy Efficient Vehicular Communications - Ad hoc Networks, AI</b>	Jul 2021 - Dec 2021
<ul style="list-style-type: none"><li>Aiming to include UNDP's sustainable development goals of Climate Change.</li><li>Working under the guidance of Prof. Ashutosh Bhatia and Prof. Sainath Bitragunta</li></ul>	
<b>ToDo-App - Web Development</b>	May 2021 - May 2021
<i>Personal Project</i> <ul style="list-style-type: none"><li>A fully functional ToDo App where we can perform all the CRUD operations and maintain a list of tasks stored in a database.</li><li>Frontend is developed using <b>Angular</b> framework and Backend is developed using <b>Express</b> framework and the data of every user is stored in <b>MongoDB</b>.</li></ul>	

### COMPETITIONS

<b>Amazon ML Summer School</b>	Jul, 2021
Cleared Amazon ML Summer School Programming test in which only the students of <b>Tier 1 Technology Institutes</b> of India were present and attended ML Summer School which included topics like Machine Learning, Neural Networks etc.	
<b>Jumpstart 2021</b>	Jul, 2021
Programming contest which had <b>35000+</b> students participation.	
Cleared both the rounds and got selected for Jumpstart 2021, organized by <b>Publicis Sapient</b> .	

### POSITION OF RESPONSIBILITY

<b>Co-founder and Executive Committee Member - Comedy Hub, BITS Pilani</b>	Sep 2019 - Present
<ul style="list-style-type: none"><li>The club is responsible for Standup Comedy and Open mic events in the college.</li></ul>	

### TEST SCORES

TEST NAME	DATE OF EXAM	SCORE
BITSAT	May 19, 2019	Score:398/450
JEE Advanced	May 29, 2019	Rank: 2291