

# YASH RAJ HARSH

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## Education

<b>Lovely Professional University</b> <i>B.Tech in Computer Science &amp; Engineering</i>	<b>2022 - 2026</b> <i>7.74 CGPA</i>
<b>Nalanda University</b> <i>Class-XII</i>	<b>2020 - 2022</b> <i>75</i>
<b>Air Force School</b> <i>Class-X</i>	<b>2019 - 2020</b> <i>84</i>

## Projects

<b>Social-Chat Backend: NodeJs, ExpressJs, MongoDB, SocketIo</b>	<a href="#">Source Code</a>
<ul style="list-style-type: none"><li>Developed a backend system supporting authentication authorization, and real-time group chat features using RESTful APIs</li><li>Integrated MongoDB for data storage, enabling seamless user management and group interactions</li><li>implemented features such as group creation, admin controls, and a search function for user discovery</li></ul>	
<b>Social-Chat Frontend: React, CSS, ChakraUi</b>	<a href="#">Source Code</a>
<ul style="list-style-type: none"><li>Created a responsive, user-friendly interface with React, focusing on real-time communication</li><li>Designed and developed login, registration, and homepage components using Chakra UI for an enhanced user experience</li><li>Enabled real-time chat functionality ensuring smooth and interactive user engagement</li></ul>	

## Technical Skills

**Languages:** C++,Java,javascript  
**Backend:** Nodejs, Expressjs  
**Frontend:** React, HTML, CSS, Bootstrap  
**Clouds & Databases:** SQL, MongoDB  
**Web Technologies:**Socket.IO  
**Developer Tools:** Postman, VS Code, GitHub

## Course Works

- |   |  |   |
|---|--|---|
| <ul style="list-style-type: none"><li>• Data Structures</li><li>• Algorithms Analysis</li><li>• Database Management</li></ul> | <ul style="list-style-type: none"><li>• Operating Systems</li><li>• Computer Programming</li><li>• Backend Development</li></ul> | <ul style="list-style-type: none"><li>• Frontend Development</li><li>• Problem Solving</li><li>• Software engineering</li></ul> |
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## Algorithmic Competitions/Achievements

<b>Leetcode</b>   <i>Rank – 85,501</i>	⌂
<ul style="list-style-type: none"><li>• <b>Solved 500+</b> questions on each and every topic of <b>Data Structure and Algorithm</b></li><li>• Great hold on advanced topics like <b>graph</b>, and <b>dp</b>.</li></ul>	
<b>CodeChef</b>   <i>2 ★</i>	⌂
<ul style="list-style-type: none"><li>• Current rating of <b>1594</b>.</li><li>• Scored three-digit rank in more than five contests.</li></ul>	
<b>Codeforces</b>   <i>rating -981</i>	⌂
<ul style="list-style-type: none"><li>• <b>Maximum rating</b> of 1021.</li><li>• <b>participated</b> in more than 5 contents of div 2 and got in 4 digit rank</li><li>• Achieved a <b>rank of 8905</b> in Codeforces round 923 div 3.</li></ul>	