

# ADITYA TOMAR

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## EDUCATION

<b>Delhi Technological University</b> <i>B.Tech Mathematics and Computing - CGPA - 7.5</i>	<b>2023</b> <i>New Delhi, India</i>
<b>Kendriya Vidyalaya OLF Raipur</b> <i>Class 12 - CBSE Boards - Percentage - 68.8%</i>	<b>2018</b> <i>Dehradun, India</i>
<b>Kendriya Vidyalaya OLF Raipur</b> <i>Class 10 - CBSE Boards - Percentage - 85.5%</i>	<b>2016</b> <i>Dehradun, India</i>

## EXPERIENCE

<b>SDE Intern— EXL Services</b>	<b>Jan 2022 – June 2022</b>
<ul style="list-style-type: none"><li>Created and maintained key features for agent and customer portals, enhancing user engagement and streamlining operations.</li><li>Resolved over 80 bugs and troubleshooting issues, contributing to alpha testing and code reviews, which enhanced product reliability, minimized production defects, and achieved 99.8% uptime</li></ul>	
<b>UI-UX and Web Development Intern—Codify Apps Pvt Ltd.</b>	<b>May 2021 – Aug 2021</b>
<ul style="list-style-type: none"><li>Designed and implemented user interface (UI) for web applications, leading to a 20% increase in user engagement and a 15% reduction in bounce rate.</li><li>Utilized a tech stack including React.js, CSS, Bootstrap, jQuery, PHP, and Figma to develop visually appealing and user-friendly web applications</li><li>Contributed to frontend development of the "TDS Kitchen System," ensuing decrease in load time by 25%</li></ul>	

## PROJECTS

<b>Cash Flow Minimizer</b>   C++, Greedy Algorithms, Graphs, Set
<ul style="list-style-type: none"><li>Designed a graph-based cash flow minimization system in C++ with greedy algorithms, cutting inter-user transactions by 40%.</li><li>Simulated various payment mechanisms to optimize transaction paths, increasing system efficiency by 25%</li></ul>
<b>File Compressor</b>   C++, Huffman Code, Graphs
<ul style="list-style-type: none"><li>Implemented a file compression system using Huffman coding in C++, achieving up to 65% compression on text files.</li><li>Enhanced data transfer rates, cutting file transmission time by 50% in networked environments.</li></ul>
<b>Portfolio Website</b>   ReactJS, JavaScript, CSS
<ul style="list-style-type: none"><li>Created a responsive portfolio website with 5+ interactive pages using React, CSS, and JavaScript, ensuring a seamless experience across all devices.</li><li>Reduced page load time by 20% and increased average session duration by 25% through optimized content loading and smooth scrolling animations</li></ul>

## TECHNICAL SKILLS

**Coursework:** DSA, DBMS, OS, OOPS, Computer Networks, Compiler Design, Computer Architecture  
**Languages:** Java, C, C++, Dart, JavaScript, Typescript  
**Developer Tools:** VS Code, Postman, Figma, Lucid Charts  
**Technologies/Frameworks:** Linux, GitHub, ReactJS, Redux, NextJS, NodeJS, ExpressJS, Git, Mongo, Flutter

## ACHIEVEMENTS & EXTRACURRICULAR

- Ranked 7709 in JEE Mains 2019 (top 0.8% of over 1 million candidates).
- Served as Marketing Coordinator of Engifest DTU, the University's cultural fest (2019-2023)
- Secured over Rs. 150,000 in sponsorships as Corporate Coordinator for the University's Cultural Fest.

## CERTIFICATIONS

- Text mining and analytics - Coursera
- Building Web Applications in PHP - Coursera
- Text Retrieval and Search Engines - Coursera
- HTML, CSS, Javascript - Udemy
- React Native+ Hooks