

# Amulya Raj

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## SKILLS

<b>Programming Languages:</b>	C/C++, Java, JavaScript (ES6), Python
<b>Frontend Frameworks/Libraries:</b>	HTML, CSS, JavaScript, React.Js
<b>Backend Technologies:</b>	Node.js, Express, MongoDB
<b>Tools:</b>	Git, GitHub
<b>Platforms:</b>	Windows, macOS
<b>Non-Technical Skills:</b>	Problem Solving, Adaptability, Time Management, Leadership Quality.
<b>Languages:</b>	English, Hindi

## EXPERIENCE

<b>President</b>   <i>Converse Plus, LPU, Punjab</i>	Sep 2023 – Present
<ul style="list-style-type: none"><li>Assisted in leading the <b>Converse Plus Club</b> in developing and executing strategic marketing initiatives, attracting new members and fostering a vibrant community of 250+ members through enriching dialogues.</li><li>Organized and coordinated 10+ events, 20+ meetings, and 30+ sessions, collaborating with seniors, batchmates, and teachers to secure a notable position among the university's clubs.</li></ul>	
<b>Summer Intern</b>   <i>Khwab Foundation, Motihari, Bihar</i>	June 2023 - Jul 2023
<ul style="list-style-type: none"><li>Collaborated with three NGO branches, meeting with over 100+ parents of underprivileged children and helping 20+ students resume their education.</li><li>Supported local authorities in freeing ten child laborers and facilitated communication with key officials, including the <b>District Magistrate</b>, <b>District Education Officer</b>, and the <b>Prime Minister's Office</b>, regarding education policy reforms.</li></ul>	
<b>Participant</b>   Hack-a-Throne 1.0 by <i>GeeksforGeeks &amp; AIESEC, LPU</i>	September-2024
<ul style="list-style-type: none"><li>Collaborated on a smart education solution, improving learning accessibility for underprivileged students, and qualified for 2 rounds.</li><li>Utilized HTML, CSS, JavaScript, MongoDB, and Bootstrap to develop a personalized learning platform, incorporating feedback from industry experts.</li></ul>	

## PROJECTS

<b>N Queen Visualizer</b>   <b>HTML, CSS, JavaScript</b>	GitHub
<ul style="list-style-type: none"><li>Developed an interactive visualizer for the N Queen problem using HTML, CSS, and JavaScript, allowing users to input the value of N and visualize solutions dynamically.</li><li>Implemented algorithms to ensure queens are placed on an N×N chessboard without conflicts, enhancing user experience through a visually appealing interface.</li></ul>	
<b>Aifinity:E-Learning Platform</b>   <b>HTML, CSS, JavaScript, Bootstrap, PostgreSQL, Node.js</b>	GitHub
<ul style="list-style-type: none"><li>Engineered an AI-powered e-learning platform with a responsive UI/UX using HTML, CSS, JavaScript (ES6), and Bootstrap for seamless cross-device compatibility.</li><li>Leveraged PostgreSQL for relational database management, ensuring ACID compliance and efficient handling of user data, course materials, and progress metrics.</li><li>Implemented machine learning algorithms for adaptive learning paths and content recommendations, optimizing personalized user experiences.</li></ul>	

## ACHIEVEMENTS

- Achieved 4-star rating in Java on HackerRank.
- Participated in Hack-a-Throne 1.0 by *Geeks for Geeks & AIESEC 2024* and developed a tech solution for Smart Education.
- Solved 300+ questions on GeeksForGeeks and Leetcode.
- Received various awards in International Olympiads (Science and Mathematics).
- Secured State Rank 1 in Hindustan Olympiad, organized by *The Hindustan Times*.

## CERTIFICATIONS

- Server Side JavaScript with Node.js [Issued by Coursera] Certificate.
- Introduction to MongoDB [Issued by MongoDB] Certificate.
- Complete Interview Preparation [Issued by Geeks for Geeks] Certificate.

## EDUCATION

<b>Lovely Professional University</b>	Phagwara, Punjab
B. Tech Computer Sciences and Engineering <b>CGPA: 8.52</b>	2022 - 2026
<b>MKD Public School</b>	Motihari, Bihar
<b>Higher Secondary:</b> 72.4%	<b>Senior Secondary:</b> 94.2%
	2018-2021