

# Aditya Singh

METALLURGICAL AND MATERIAL ENGINEERING UNDERGRADUATE

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## Personal Profile

I am a passionate second-year B.Tech undergraduate in Metallurgical and Materials Engineering at NIT Srinagar. I thrive on tackling challenges, expanding my knowledge, and developing innovative solutions to complex problems. With a strong passion for lifelong learning, I aim to contribute to cutting-edge research and stay ahead in technological advancements. I am eager to grow through opportunities that allow me to make a meaningful impact.

## Education

<b>National Institute Of Technology, Srinagar</b> B.Tech in Metallurgical and Material Engineering; CGPA - 7.9	Srinagar, Jammu & Kashmir 2023 - Current
<b>Christy Memorial School &amp; College, Prayagraj</b> Central Board of Secondary Education; 12 <sup>th</sup> - 86.4%	Prayagraj, Uttar Pradesh 2022
<b>Christy Memorial School &amp; College, Prayagraj</b> Central Board of Secondary Education; 10 <sup>th</sup> - 89.4%	Prayagraj, Uttar Pradesh 2020

## Projects

<b>Portfolio - Website</b> <ul style="list-style-type: none"><li>Designed and developed a responsive personal portfolio website</li><li>Showcases front-end projects and technical skills and contact information.</li><li>Built with HTML, CSS, Bootstrap, and JavaScript</li><li>Includes smooth scrolling and mobile responsiveness.</li></ul>	GitHub	Oct 2024 - Present
<b>LoZen - Music Player</b> <ul style="list-style-type: none"><li>Created a fully working Music Player - LoZen using HTML, CSS, and JavaScript.</li><li>Used the Fetch API to load playlists and songs from the server.</li><li>Added essential music player features: Play/Pause buttons, Seekbar, Volume Control, Songs inside folder.</li><li>Implemented automatic folder updates on the website when added to the server.</li><li>Successfully deployed the project on a web hosting platform.</li></ul>	GitHub	Sept 2024 - Oct 2024

## Skills

<b>Programming Languages</b>	C, C++, Python, HTML, CSS, JS
<b>Platforms &amp; Technologies</b>	Git, Bootstrap, Tailwind CSS, Figma, LaTeX
<b>APIs</b>	Fetch API, JSON
<b>Deployment</b>	Github pages, WebHostMost
<b>Responsive Design</b>	Media Queries, Flexbox, Grid
<b>Developer Tools</b>	Chrome DevTools
<b>IDEs</b>	Visual Studio Code, Sublime Text, Replit, HackerRank

## Work Experience

<b>Ideathon: Bureau of Indian Standards</b> Event Planner	Srinagar, Jammu & Kashmir Oct 2024
<ul style="list-style-type: none"><li>Organized an Ideathon by BIS(Bureau of Indian Standards) focused on “Greener Innovation” to encourage creative problem-solving among students.</li><li>Developed a structured format for participants to showcase their ideas and foster teamwork.</li><li>Managed event promotions, team formations, and logistics for presentations and awards.</li></ul>	
<b>Bureau of Indian Standards</b> Event Manager	NIT Srinagar Oct 2024
<ul style="list-style-type: none"><li>Managed the planning and execution of a promotional event for BIS during the Techvaganza fest, enhancing visibility and engagement with participants.</li><li>Engaged with stakeholders, including sponsors, coordinators and faculty, to secure support and resources for the event</li></ul>	

## Certifications

<b>Introduction to Generative AI</b> <ul style="list-style-type: none"><li>Gained comprehensive knowledge of generative AI concepts and techniques.</li><li>Gained knowledge about Discriminative AI and how it differs from Generative AI.</li><li>Real-life applications of Generative AI and Discriminative AI.</li><li>Tools to build your own AI.</li></ul>	Document	Oct 2023 - Oct 2023
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## Relevant Coursework

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### Courses & Laboratories

*Aug 2023 - Present*

- **MMT201** Electronic, Magnetic and Dielectric materials
- **MMT203** Physical Metallurgy
- **MMT202** Thermodynamics of Materials
- **MMT204** Mineral Dressing and Principles of Extractive Metallurgy
- **ITT101** C Programming
- **CHT101** Engineering Chemistry