

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

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

Projects

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

Skills

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

Work Experience

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

Certifications

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

Courses & Laboratories <ul style="list-style-type: none">• 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	<i>Aug 2023 - Present</i>
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