

KANISHK SINGH

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Education

Dayananda Sagar College of Engineering, Bangalore

2023 - 2027

B.Tech in Computer Science & Engineering

9.45/10 CGPA

Experience

Literary Society(LitSoc) CPA

2024-Present

- Being part of **MUNSoc**, a subset of **LITSOC**, offers me a valuable platform to explore **international diplomacy**, engage in **global issue** debates, and develop key skills like **critical thinking**, **negotiation**, and **public speaking**. It's an opportunity to collaborate with like-minded peers and deepen my understanding of political dynamics.

Projects

PeerLoop

Dec 2024

Techstack: Firebase, React.js, CSS3, HTML, Redux

- Co-developed **Peerloop**, a desktop-based professional networking platform for users, featuring integrated communication and collaboration tools. The project was selected among the **Top 25** entries out of **300+** submissions in **Round 2** of the **SkillMingle Hackathon**.

Aegis Club, DSCE

Jan 2025-Feb 2025

Techstack: Node.js, TypeScript, Supabase, Tailwind CSS, HTML, React-router-dom

- The **Cyber Security Club** at **DSCE, Bengaluru** is dedicated to exploring advanced technologies and acquiring invaluable knowledge and hands-on experience in **Cybersecurity** through engaging training sessions, interactive workshops, and collaborative initiatives with like-minded enthusiasts.

PicShrink

Feb 2025

Techstack: Next.js, Tailwind CSS, HTML, TypeScript

- **PicShrink** is a user-friendly image compression web app that **reduces image size without compromising quality**. With **drag-and-drop support** and **compatibility with multiple file formats**, it helps developers, designers, and users optimize images for faster loading, improved performance, and reduced storage costs.

WePlusFoundation

March 2025

Techstack: React.js, Supabase, TypeScript, Tailwind CSS, Vite

- Designed and developed the **official website** for **WePlusFoundation**, an **NGO** focused on empowering **underprivileged communities** through **education** and **aid**. Created a user-friendly platform to promote awareness, encourage donations, and showcase ongoing initiatives aligned with the foundation's mission.

Research Papers

IEEE R10 Student Research Paper Contest

Jun 2024- Jun 2024

Energy Efficient Neural Implants for Brain Efficiency

- * The research paper was co-authored by me and got selected for the **prestigious IEEE R10 conference**. The paper was **one of the 3 selected** in the India region – **representing the Bangalore Section** – alongside papers from the Chandigarh and Delhi Sections. It ranked among the **top 10 globally** in the World Region.

IEEE MysuruCon 2024

Oct 2023- Aug 2024

Optimizing Glass Fabrication via Computational Method: A Batch Calculator Approach

- * Developed a **computational solution** for batch calculation in glass manufacturing under the guidance of **Dr. Madhu A.**, focusing on **precise material ratios** and **quality optimization**. Presented the work at the **IEEE 2024 Mysuru Conference**.

FinCredible: KJ Somaiya College

Jan 2024- Jan 2024

Comprehensive Study On Hedge Funds: Performance, Strategies And Market Impact

- * Authored a case study research paper for **FinCredible** magazine (**KJ Somaiya College**) on the evolution, structure, and regulatory landscape of **hedge funds**. Employed a mixed-methods approach to analyze investment strategies, fund formats, and performance factors.

Honours and Awards

INSPIRE Scholarship 2022 Recommendation Letter by ICSE

Sept 2022

- * Got selected for **INSPIRE Scholarship** and received a letter of recommendation from **Council For The Indian School Certificate Examination (CISCE)**
- * Made it to the **Top 1%** of **CISCE Board 2022** by achieving **98%**