

# KANISHK SINGH

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## Education

<b>Dayananda Sagar College of Engineering, Bangalore</b> <i>Bachelor of Technology in Computer Science and Engineering</i>	<b>2023 – 2027</b> <i>CGPA: 9.05/10</i>
<b>City Montessori School, Lucknow</b> <i>XII - ISC</i>	<b>2022</b> <i>Percentage: 98%</i>
<b>City Montessori School, Lucknow</b> <i>X - ICSE</i>	<b>2020</b> <i>Percentage: 97.4%</i>

## Technical Skills

**Languages:** Java, JavaScript, C++, C

**Frameworks/Libraries:** React.js, Spring Boot, Node.js, Supabase, Firebase

**Databases/Tools:** PostgreSQL (Supabase), SQL, Git, GitHub, Postman, Vercel

**Cybersecurity:** Wireshark, Nmap, Scapy, Burp Suite, TryHackMe, Kali Linux

## Certifications

<b>TryHackMe Pre-Security Certificate</b>	<b><a href="#">View Credentials</a></b>
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## Projects

<b>PeerLoop</b> <i>Tech Stack: Firebase, React.js, CSS3, HTML, Redux</i> – Engineered a multichannel real-time communication platform with secure Firebase authentication and Redux-powered state management. Ranked <b>Top 25 out of 300+ projects</b> at SkillMingle Hackathon.	<b>2024</b> <i>GitHub</i>
<b>Aegis Club, DSCE</b> <i>Tech Stack: TypeScript, Supabase, Tailwind CSS, HTML, React-router-dom</i> – Developed the official student club website enabling navigation with React Router and responsive design.	<b>2024</b> <i>GitHub</i>
<b>PicShrink</b> <i>Tech Stack: Next.js, Tailwind CSS, HTML, TypeScript</i> – Built an image compression tool with Dropzone and custom logic, real-time preview, resizing, and effortless download.	<b>2024</b> <i>GitHub</i>
<b>WePlusFoundation</b> <i>Tech Stack: React.js, Supabase, TypeScript, Tailwind CSS, Vite</i> – Designed an NGO website with Supabase-backed CMS features, enabling non-technical staff to manage content independently.	<b>2024</b> <i>GitHub</i>

## Research Papers

<b>IEEE R10 Student Research Paper Contest</b> <i>Energy Efficient Neural Implants for Brain Efficiency</i>	<b>Jun 2024</b> <i><a href="#">View Paper</a></i>
<b>IEEE MysuruCon 2024</b> <i>Optimizing Glass Fabrication via Computational Method</i>	<b>Oct 2023 – Aug 2024</b> <i><a href="#">View Paper</a></i>
<b>KJ Somaiya College</b> <i>Hedge Funds: Performance, Strategies and Market Impact</i>	<b>Jan 2024</b> <i><a href="#">View Paper</a></i>

## Honors and Community Involvement

- Top **25** finalist in **SkillMingle Hackathon** among **300+** entries.
- **Co-authored** one of the **3** Indian papers in **IEEE R10 Conference**.
- Recipient of **INSPIRE Scholarship** from **CISCE, Delhi**.
- Organized national 24hrs Cybersecurity Hackathon: **Sandbox 2025**.
- Hosted Inter-Department **CTF: Decipher Blitz** during Techfest Glitchcraft.
- Technical Team Member, Aegis Club (Cybersecurity), DSCE.
- Technical Team Member, OSCode (Tech Club), DSCE.