

Aayansh Singh

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EDUCATION

Manipal University; GPA: 8.7/10.0

Jaipur, IN

Bachelor of Technology in Information Technology (Minor: Data Science)

Jun 2025

City Montessori School; 10th grade: 97%; 12th grade: 92%; SAT: 1520

Lucknow, IN

K-12 education

SKILLS & CERTIFICATIONS

Languages: Java, Dart, Python, C, JavaScript, HTML/CSS

Tools/Frameworks: Git, GitHub, Unix/Linux, MySQL, Firebase, Flutter, Burp Suite

Awards: Dean's List for 3rd, 4th & 5th sem, Wipro Earthian Scholar (AIR 1)

WORK EXPERIENCE

Uttar Pradesh Power Corporation Ltd | *Summer Trainee (IT)*

Jul 2024 – Sept 2024

- Proactively **analysed** security reports from MadhuSanjaal portal, **tracked** CERT-IN and CVE website for **vulnerability alerts**
- Integrated Honeypot data to identify **20+ suspicious IP** addresses; **updated** firewall protocols to safeguard against potential cyber attacks

Manipal University | *Undergraduate Researcher*

Mar 2023 – May 2024

- Researched **innovative** methods for **enhancing** the security of data in a cloud environment
- Identified vulnerabilities** in traditional cloud environments; suggested 5 techniques for secure data control with a proof of concept
- Presented paper **Secure Data Control in Cloud Environment** at **1st Int'l Symposium on Data Science**; paper ranked among **top 5**

PROJECTS

ApplyDock | *React.js, Firebase (Firestore/Auth), Chrome APIs, JS, HTML/CSS, Claude* | [Link](#)

Mar 2025 – Present

- Engineered** a full-stack job application tracking system, supporting **20,000+ user interactions** and reducing application management time by **75%** through automated data extraction and cloud synchronization
- Developed** Chrome extension with intelligent job parsing for **10+ major platforms** (LinkedIn, Indeed, Glassdoor), achieving **95%** accuracy in data extraction with seamless dashboard integration
- Implemented** streak tracking algorithms and automated reminder systems that improved user engagement by **40%** and application follow-up rates by **60%**

Delhi Metro Navigator | *Java, RESTful API* | [Link](#)

Jan 2024 – May 2024

- Developed **Java application** for navigation process in the Delhi Metro, increasing efficiency
- Secured** official approval & API keys for real-time tracking of the metro system from Delhi Metro Rail Corp (DMRC)

Exam.Aiuto | *HTML, CSS, JS, Trello* | [Link](#)

Apr 2020 – Sep 2021

- Co-founded** a mentorship service, connecting high school students with experts to strategize post-secondary educational paths
- Managed platform development:** engineered website, orchestrated student programs, recruited 24 tutors, managed social media, and authored educational content
- Amplified** the platform's outreach, guiding **over 1,100** students from **12 countries**, & spearheaded several fundraising initiatives, raising approximately **1,70,000 INR** during the operational phase

POSITIONS OF RESPONSIBILITY

GlobalGrad Student Club | *General Secretary*

Sep 2023 – May 2024

- Led** the club's strategic direction & management, including securing budget approvals & sponsorships
- Orchestrated successful membership drives, tripling the club's members to over **160** while helping to grow the club's budget by **350%** to **45,000 INR**

GlobalGrad Student Club | *Head of Events*

Feb 2023 – Sept 2023

- Spearheaded the club's event planning & engagement strategies, **leading** a team of **10 members** in the dept
- Organized over **20 successful events**, including networking sessions with alumni & graduate school representatives, resulting in a **15% increase** in **graduate school** applications within the university community