Swayam Gupta

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Academic Qualifications

Year	Degree	Institute	CPI/%
2020 - 2024	B.Tech.- MSE	Indian Institute of Technology Kanpur	6.31/10
2019	Grade XII (CBSE)	Pt.DDUSDV, Kanpur	89%
2017	Grade X (CBSE)	Pt.DDUSDV, Kanpur	9.4/10

Scholastic Achievements

- Bagged **Silver Medal** among **23 IITs** for ISRO's X-Ray Burst Web Based Automation Challange in **Inter-IIT Tech Meet 10.0** — *2022*
- Granted acceptance for active participation in the esteemed **Code in Place 2021** initiative hosted by **Stanford University** — *2021*

Positions of Responsibility

Head, Web & App, Techkriti'23 | 29th Edition: Annual Technical and Entrepreneurial Festival of IIT Kanpur — *June'22 - March'23*

Leadership	• Spearheaded a **4-tier** team of **80+** organizers, **500**+ volunteers to conduct 29th edition of Techkriti with a **30,000+** footfall • Led a diverse **400+** member cross-functional team, showcasing leadership in marketing, finance, design, and other domains
Initiatives	• Revamped server, implemented **10+ portals**, linked via a centralized backend, optimizing scalability, **performance**, and **UX** • **Conceptualized** dynamic digital **marketing (30% YoY growth)** emphasizing **AI chat bot**, app, and website-based targeting • Collaborated with **developers** to plan and implement project features, including robust user **authentication** and **security** • **Re-positioned** E-Conclave to conduct events focused on **technopreneurs** leveraging it for **INR 9 Lacs of sponsorship**
Impact	• Effectively managed a **monthly traffic** of **350,000 views**, seamlessly handling **29,500 daily views**, while maintaining a database of **14,500+ active nationwide users**, and achieving 400,000+ views on the main website in just **three months** • Initiated conduction of social campaigns **BLISS** and **HOPE** on **PAN India level** in collaboration with **various NGO** • Achieved **30% YOY** revenue **growth** by formulating strategies to enhance the digital presence for **10+ corporate clients**

Web Secretary, Hall Executive Committee | Hall of Residence 3 — *June'22 - March'23*

Leadership	• Maintained and **devised** new plans to structure the **mess automation portal** and other facilitating platforms for **residents**
Initiatives	• Developed automation portal using MEAN stack, enhancing operations and user experience through seamless integration • Organized various hall activities, fostering a **vibrant community** and ensuring a seamless living experience for residents • Implemented server for mass email distribution to **1000+ students** with automated mailing list for efficient communication
Impact	• Engineered a robust automation portal, optimizing operations and interaction, leading to a 25% gain in process efficiency

Professional Experience

Fischer Jordan, New York | Software Development Engineering Internship — *Jun'23 - Ongoing*

Objective	• To Create and sustain a company's client management portal as a Knowledge Management System (KMS)
Approach	• Enhanced KMS engagement through **React.js gamification**, **Chakra UI utilizatio**n, and seamless **RESTful API integration** • Managed KMS externalization, **employing tree shaking**, **bundling**, and advanced optimizations to achieve global modularity • Enhanced performance by optimizing **Redux API** calls via asynchronous actions, **memoization**, code splitting techniques • Enhanced UX through **real-time WebSocket likes**, intricate **spreadsheet data flow**, and **live database** synchronization • Collaborated in **cross-functional teams**, employing **Git** and **GitHub** for version control, and contributed to code reviews • Performed comprehensive testing, including unit and **end-to-end tests**, for bug identification and **feature implementation**
Impact	• Boosted KMS engagement by **50%** through gamification, RESTful API integration, and performance optimization strategies • Led KMS development, fueling a remarkable **60% userbase surge**, catering to major firms, including **Eagle Stone**

Artpark Technologies | Research Internship — *Nov'21 - Feb'22*

Objective	• To excel in an **operational role**, contributing to **team** efficiency and enhancing the **overall program management**
Approach	• Efficiently managed daily classroom operations for the **Eklavya program** in **MS Teams**, ensuring smooth program delivery • Thoroughly **compiled** and **analyzed** student feedback, significantly enhancing the class performance and **program quality** • Streamlined **critical administrative tasks**, such as comprehensive student database creation and a certificate generation • **Coordinated** invaluable **one-on-one mentoring sessions**, facilitated the student-mentor interactions and **robust support**
Impact	• Enhanced program efficiency, resulting in a **20% reduction** in **administrative workload** through streamlined processes • Improved student satisfaction, as evidenced by a **15% increase** in **positive feedback** regarding program organization

Competition

ISRO Web Based X-RAY Burst Automation | Inter IIT Tech Meet 10.0 | 2nd Position — 🗒 *Feb'22 - Apr'22*

- Developed a web-based automated system for identifying solar bursts, utilising the ReactJS framework with data segregation features
- Integrated **dynamic** and interactive features using ReactJS libraries, including ChartJS, for enhanced data **visualization** and **analysis**
- **Organised** curve data by storing specific details in react hooks in JSON to ensure efficient management and easy API calls to the server
- Led **end-to-end** product documentation and orchestrated the development of a user journey and research, ensuring **project success**
- Won a **Silver Medal** in the **mid-prep event**, with IIT Kanpur's contingent securing the **2nd position** in the overall **Championship**

Extra-Curricular Activities

Managerial	• **Facilitated** the transition of **six freshman students** into campus life by serving as a dedicated **Student Guide**	*2022*
	• Guided 150+ students through ESC101. Mentored students with their doubts and helped in excel in the exam	*2022*
	• Secured **third position** among 50+ teams in Pitch deck competition by **Entrepreneurship Cell IIT Kanpur** in 2021	*2021*
	• Organised **Mega Blood Donation** Drive in 3 major venues across **Kanpur** City with **300+** volunteers	*2023*
	• Conducted a campaign "**No One Sleeps Hungry**" with Robin Hood Army to serve over **3300** people in Kanpur	*2022*
	• Ranked **2592nd** out of a competitive pool of **100K+** participants in the **Google Kick Start** coding challenge	*2021*
	• Worked as **secretary in film club**, wrote 5+ scripts, directed 2 movies, arranged competitions for the community	*2021*
	• Arranged various activities for **campus community** like cycling trips, adventure sports, as **Secretary, GnS IITK**	*2021*
	• Worked on **life at IITK project** to serve **campus community** an all in one services place as secretary, **SnT IITK**	*2021*
Technical	• Secured **2nd** Position in **district level** web development competition in **Harmony'18** Kanpur	*2018*
	• **Led** School Technical Festival as a **Technical Head**, created **fest brochures**, website, maintained **sponsorships**	*2018*