

## Swastik Singh

Bachelors Of Technology  
Computer Science

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## Education

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|---|--|
| • <b>Shiv Nadar University</b><br>B.Tech (Computer Science)   | 2021-Present<br><b>CGPA (Upto 6th Sem): 6.34</b> |
| • <b>Delhi Public School Ghaziabad</b><br>Matriculation       | 2018-2019<br><b>88.8%</b>                        |
| • <b>Delhi Public School Ghaziabad</b><br>Secondary Education | 2020-2021<br><b>90.2%</b>                        |

## Projects

### Statistics Retriever Dashboard/App | Microsoft Power BI, Microsoft Power Apps, Data ETL, Visualization

Designed an Information Retriever Dashboard using Power BI, providing insights and visualizations by connecting to large data sets of over **1000+** attributes provided by the firm. The dashboard improved data retrieval efficiency by **30%** and reduced reporting errors by **25%**. Additionally, integrated it seamlessly with Power Apps, allowing over **500** users to access information directly within their applications. This demonstrates my proficiency in Data Visualization, Data (Extraction, Transformation, Loading), Business Intelligence, and Cross-Platform Integration

### RP Adventure Game | Java, Java AWT (Abstract Window Toolkit), Java Swing, Java ImageIO, Piskel

Developed a **2D** adventure game in Java using AWT, Swing, and ImageIO. Implemented smooth player controls, designed over **10** unique tiles, and managed **8** player sprite animations. Ensured consistent **60 FPS** game play for a seamless experience. Integrated key input handling for responsive game play.

### Expense Reporting And Approval App | Microsoft Power Apps, Microsoft Power Automate

Developed an expense reporting and approval app using Microsoft Power Apps and Power Automate for EY GDS India. Streamlined the process of submitting, reviewing, and approving expenses, reducing processing time by **40%** and increasing accuracy of requests by **20%**, impacting over **1000** employees at firm.

## Professional Experience

### Business Consultant Intern, EY (Ernst and Young) GDS

June 2024- August 2024

**Power BI:** Created interactive dashboards and reports to visualize data insights, enabling data-driven decision-making.

**Power Apps:** Developed custom applications to streamline workflows and enhance productivity.

**Salesforce Administration:** Managed Salesforce instances, configured custom objects, and optimized user experience.

**Trailhead Badges:** Earned 15 badges and accumulated 18,500 credits on Salesforce Trailhead and Counting.

**Developed and implemented** a comprehensive Finance BST and resource allocation dashboard at EY, improving financial oversight and efficiency by **20%**.

## Technical Skills and Interests

**Programming Languages:** C, Java, Python

**Database Technologies:** MySQL

**Libraries:** Java AWT (Abstract Window Toolkit), Java Swing, Java ImageIO

**Developer Tools:** VScode, Power BI, Power Apps, Power Automate, Salesforce Administration (CRM)

**Areas of Interest:** Cybersecurity, Cloud Computing, Data Analysis, Business Consulting

## Positions Of Responsibility

### Vice-President, DECYPHER (Rap/Beatbox Collective)

- **Executed** detailed project plans for a large-scale event, managing venue logistics and artist schedules; delivered events on time and under budget, saving an estimated 15,000 bucks.

- **Marketing and Promotion:** Overseeing promotional activities to attract attendees and sponsors.

### Marketing Team Head, Surge (Sports Fest)

- **Strategizing Marketing Campaigns:** Developed and implemented marketing plans to promote the sports fest.

- **Sponsorship Acquisition:** Secured sponsorships and partnerships to support the event financially.

### Fresher's Coordinator, SNUPHORIA (Music Club/Society)

- **Support and Guidance:** Provided assistance and mentorship to freshers to help them integrate into the club.

- **Organizing Welcome Events:** Planned and executed engaging activities to introduce new members to the club.

## CERTIFICATIONS AND HONORS

- **Microsoft** Certified Power BI Developer

- **Microsoft** Certified Power Apps Developer

- **Microsoft** Certified Power Automate Developer

- **Achievement:** - EY Data Analytics- Data Visualization- Bronze Badge

- **Google** Foundations of Cybersecurity

- **Google** Network and Network Security (Cybersecurity)

- **Google** Managing Security risks (Cybersecurity)