

# Adarsh Kumar Singh

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## EDUCATION

**The George Washington University, School of Engineering & Applied Science**  
**Master of Science (MS)**

**Washington, DC (USA)**  
**May 2026**

- Computer Science
- Current GPA: 3.53/4.0

**SRM Institute of Science & Technology**  
**Bachelor of Technology (B.Tech)**

**Chennai, TN (India)**  
**June 2021**

- Electronics and Communication Engineering (ECE) - 80.13%

## TECHNICAL SKILLS

- Programming Languages: Java | Python | MySQL
- Technical: Microsoft Suite (Word, Excel, Power BI) | Informatica PowerCenter | Alteryx | Extract, Transform, Load (ETL) | Data Analytics | Data Visualization | Problem-Solving | ServiceNow | GitHub

## ADDITIONAL SKILLS

- EMCEE | Public Speaking | Event Management | Leadership

## RELEVANT WORK EXPERIENCE

**Ernst & Young - Global Delivery Services (EY GDS)**

**Gurgaon, HR (India)**

**Analyst**

**February 2024 - August 2024**

- Conducted data analysis to identify anomalies within user and role catalogues, facilitating enhancement of Separation of Duties (SOD) and Attribute-based Access Control (ABAC) policies.
- Developed symbolic representations of Separation of Duties (SOD) policies by transforming JSON data, enabling seamless integration with Open Policy Agent (OPA) systems.
- Leveraged ServiceNow platform to construct comprehensive reports and dashboards for monitoring and tracking program progress.

**Associate Analyst**

**May 2022 - February 2024**

- Leveraged Alteryx to design workflow leveraging Financial Data to create insights for CIOs.
- Employed Microsoft Power BI to build IT Cost Baseline and Application TCO dashboards and reports for Internal Tools for Project Proposals.
- Utilized Microsoft Power BI to build Scorecard to track savings of \$215 Million.
- Acted as a liaison between IT Finance Management and product team, contributing as a collaborative member of a cross-functional group dedicated to developing products for a larger organizational audience.

**Cognizant**

**Coimbatore, TN (India)**

**Programmer Analyst Trainee**

**June 2021 - May 2022**

- Utilized Informatica PowerCenter to extract mappings.
- Utilized AWS Glue Jobs for Data Migration.

**Intern**

**January 2021 - May 2021**

- Trained in Java, MySQL, Python, Big Data.
- Served as Cohort Representative.

## LEADERSHIP

**The Institution of Engineers [India] ECE Student Chapter**  
**Student Coordinator**

**Chennai, TN (India)**  
**July 2017 - May 2021**

- Organized Industrial Visits, Workshops, Seminars, etc.

**AARUUSH | Highlights and Sponsorship & Marketing**  
**Committee Head, Committee Member, Volunteer**

**Chennai, TN (India)**  
**July 2017 - December 2019**

- Drafted guest-list for guest lectures, expos, and stage artists to be invited for college fest.
- Implemented on-ground marketing and publicity of partnering companies.
- Oversaw food and beverage arrangements and coordinated guest transportation during festival days.
- Managed an exhibition of technical expos exhibiting scientific and technological products.

## PUBLICATIONS

- Design & Performance Analysis of Partially Depleted & Fully Depleted Silicon on Insulator MOSFET | Major Project | Nominated for COMSPRO-2021
- Autonomous Stair Climbing Robot | Journal No.24/2022 | Application No.202241028594 A

## HONORS

- Flipkart GRiD 2.0 | Robotics Challenge | Team Leader (ROBOTRONICS) | National Winner | Autonomous Stair Climbing Robot | Earned Flipkart EGV worth 1.5 lakh