


# VIKRAM PRASAD GUPTA

 [vikram1998gupta@gmail.com](mailto:vikram1998gupta@gmail.com)

 8529462731

 <https://www.linkedin.com/in/vikram-prasad-gupta-023a10229/>


## PROFILE

Experienced professional with a proven track record in cyber security and IT-Infra. Demonstrates talent for effectively navigating challenges and finding innovative solutions. Strong problem-solving skills and proactive approach to new tasks ensure successful outcomes. Known for adaptability, creativity, and results-oriented mindset, consistently driving organizational success. Committed to making meaningful contributions and advancing the goals of the organization.

## WORK EXPERIENCE

 **Young Professional (Cybersecurity), FS&CS Division,  
Department of Economic Affairs, Ministry of Finance, Government of India.**  
(15/07/2024 - Present)

- Supported initiatives and projects in financial stability and cybersecurity.
- Coordinated with NIC and CERT-In, managed SentinelOne and other SIEM tools, and developed cybersecurity frameworks and guidelines for financial institutions.
- Engineered collaborative workshops with cross-functional teams to evaluate the economic impact of regulatory changes; generated comprehensive reports that informed strategy adjustments and improved compliance outcomes for 23 key Division under Department of Economic Affairs.


 **M.Tech Fellow (Work Integrated Learning Program),  
National Council of Science Museums, Ministry of Culture, Government of India.**  
(01/01/2024 – 14/07/2024)


- Assisted in the development and implementation of technology-enhanced exhibits and installations.
- Applied advanced programming and Linux administration skills to streamline museum IT operations.
- Conducted research and development on educational technology integration for science outreach programs.
- Collaborated with interdisciplinary teams to enhance digital and physical exhibit experiences.

 **Associate IT-Infrastructure Engineer,  
AuthBridge Research Services Pvt. Ltd., Gurugram, Haryana**  
(04/2022 - 04/2023)

- Installed and maintained system-wide hardware components with Linux-based distributions.
- Enhanced network security protocols by implementing two-factor authentication and firewall rules, resulting in a significant reduction of unauthorized access attempts to less than 5 incidents per month.
- Evaluated software products for compatibility and recommended performance improvement strategies.
- Diagnosed and resolved network/server issues and implemented security controls using SIEM tools.

## EDUCATION

 **Master of Science (M.Sc.) in Computer Science  
JK Institute of Applied Physics and Technology,  
University of Allahabad, Prayagraj**  
(07/2021 - 06/2023)  
CGPA: 7.81

 **Bachelor of Science (B.Sc.) in Computer Science  
University Institute of Computing, Chandigarh  
University, Mohali**  
(07/2018 - 06/2021)  
CGPA: 8.34

## PERSONAL PROJECTS

 **PERSONAL PROJECTS CHILD TRACKING AND RECOGNITION (06/2019 - 08/2019)**

This Project purposes a mobile based child tracking system that will help parents to keep observation on their child while seating at some other place. The system consists of two modules: The Child module which having GPS, GSM

and VOICE playback circuits and Parents module have mobile phone for getting information about the missed child on periodic basis.      **LANGUAGE USED:** Java, Xml, Android.      **PLATFORM USED:** Android Studio.

- ✚ **REVIEW PAPER IN ROBOT PATH FINDING USING ANT COLONY OPTIMIZATION ALGORITHM (02/2022 - 04/2023)**  
Ant Colony Optimization (ACO) finds optimal or near-optimal paths for robots in complex environments by using a probability-based approach that explores paths while favoring those with higher "pheromone" levels, resulting in efficient navigation.

## CERTIFICATIONS

- ✚ **Certified Google Cybersecurity, (01/2024 - 02/2024)**  
Acquired expertise in security frameworks, SIEM tools, network architecture, and cloud security.
- ✚ **Crash Course on Python, (07/2022 - 11/2022)**  
Mastered Python programming fundamentals through practical exercises.
- ✚ **Android Development Training, (01/2019 - 04/2019)**  
Developed foundational skills in Android application development using Android Studio.

## TECHNICAL SKILLS

- ✚ **Programming Languages:** C, C++, Java, Python.
- ✚ **Web Development:** Django, MongoDB, SQL, JavaScript, HTML, CSS, Node.js.
- ✚ **Tools & Platforms:** Git & GitHub, Android Studio, SentinelOne, SIEM Tools.
- ✚ **Specialized Skills:** Data Structures & Algorithms, Cybersecurity, Linux.

## ACCOMPLISHMENT

- ✚ **GATE CSE-2024 Qualified, (03/2024 - 03/2027)**  
Qualified Graduate Aptitude Test in Engineering (GATE CSE -2024) organized by Indian Institute of Science (IISc), Bangalore.
- ✚ **UGC NET-2024 (Dec) Qualified, (12/2024 - Lifetime Validity)**  
Qualified the University Grants Commission National Eligibility Test (UGC NET - December 2024)

## LANGUAGE

- ✚ **ENGLISH**
- ✚ **HINDI**