

VIKRAM PRASAD GUPTA

 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