

# Roshan Gautam

Edwardsville, IL | (618) 471-0801 | [roshangautam356@gmail.com](mailto:roshangautam356@gmail.com) | [linkedin.com/in/roshangautam-rg](https://linkedin.com/in/roshangautam-rg) | [roshangautam.me](http://roshangautam.me)

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## PROFESSIONAL SUMMARY

Technology professional with 6+ years working between business teams and technical delivery in enterprise systems. Experience includes requirements gathering, data analysis, process optimization, and Agile team coordination across variety of data intensive projects. Completing MS in Management Information Systems (4.0 GPA). Open to relocation nationwide.

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## SKILLS

**Business and Product:** Requirement Analysis, Stakeholder Management, Process Improvement, Gap Analysis, UAT Coordination, Agile/Scrum Facilitation, Backlog Management, Release Planning

**Data and Analytics:** SQL, Python, R, Power BI, Tableau, Statistical Analysis, Data Visualization, Reporting

**Technical:** AWS, JIRA, Confluence, RESTful APIs, CI/CD, Git, Selenium, Test Automation

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## EXPERIENCE

### Verisk Analytics | Jersey City, NJ | Senior Software Engineer | Aug 2022 – Aug 2024

- Worked with product owners and business teams to gather and document functional requirements for 20+ data-intensive enterprise modules
- Analyzed workflows to identify process gaps and recommend improvements for data accuracy and system efficiency
- Coordinated UAT with stakeholders, translating business rules into test scenarios and system configurations
- Led cross-functional delivery efforts between business, development, and operations teams
- Mentored 7 engineers and onboarded 15 team members on processes and technical standards
- Delivered 3 training sessions to 180+ IT professionals on automation and delivery practices

### Verisk Analytics | Jersey City, NJ | Software Engineer | May 2020 – Jul 2022

- Translated business requirements into AWS-based technical prototypes for proof-of-concept evaluations
- Acted as Scrum Master for 6-8 member offshore team, running sprint ceremonies and managing backlog priorities
- Validated system performance and functionality against business SLAs through testing and analysis
- Built Power BI dashboards tracking operational KPIs for executive reporting
- Partnered with offshore teams across time zones on delivery coordination

### Verisk Analytics | Jersey City, NJ | Associate Software Engineer | Nov 2018 – Apr 2020

- Automated data validation workflows, reducing manual effort by 40% for algorithmic business rules
- Supported data migration and system integration projects with focus on data quality
- Built CI/CD automation and maintained technical documentation for enterprise systems
- Created SQL-based reports for operational and business intelligence needs

### Verisk Analytics | Jersey City, NJ | Trainee | Sep 2018 – Oct 2018

- Completed structured training in testing, Agile practices, and API validation

### Logic Information Systems | Kumaripati, Lalitpur | Software Engineering Intern | Jun 2018 – Aug 2018

- Developed 26 SQL stored procedures for data migration across 7 retail warehousing projects
  - Created reports using OBIEE and BI Publisher for business intelligence applications
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## ACADEMIC AND RESEARCH EXPERIENCE

### Southern Illinois University Edwardsville

Edwardsville, Illinois

#### Graduate Assistant – NSF-Funded Multi-Institution Research Project

Sep 2024 - Present

- Design and analyze surveys for \$2M NSF project across 8 universities

- Coordinate stakeholder meetings and maintain research documentation for compliance and reporting
- CMIS and Computer Science Departmental Tutor** **May 2024 – Present**
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- Support students in CS and CMIS courses, covering software testing, data analytics and database concepts

## **GRADUATE PROJECTS**

### **Employee Attrition Analysis**

- Analyzed 74K employee dataset using decision-tree modeling to identify retention drivers

### **Cybersecurity Risk Assessment**

- Evaluated business impact of endpoint security threats with mitigation recommendations

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## **CERTIFICATIONS AND TRAININGS**

**CompTIA Security+ (TestOut)** | CompTIA | Completed

**ISTQB Certified Tester – Foundation Level (CTFL)** | ISTQB | Completed

**AWS Certified Cloud Practitioner** | Amazon Web Services | Dec 2021 – Dec 2024

**CITI Program – Research Compliance & Information Privacy** | Collaborative Institutional Training Initiative  
(Human Subjects Research / IRB, Responsible Conduct of Research, Information Privacy & Security)

**Generative AI with Large Language Models** | Coursera | Apr 2024

**Accelerate Your Leadership Program** | Verisk Talent Development & LinkedIn Learning | Mar 2024 – Jun 2024

**Business Communication Training Program** | English for All Institute, Nepal | Dec 2018

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## **EDUCATION**

### **Southern Illinois University Edwardsville**

**Edwardsville, Illinois**

Master of Science in Management Information Systems (Expected May 2026)

CGPA: 4.0/4.0

### **Kathmandu University**

**Dhulikhel, Kavre**

Bachelor of Engineering in Computer Engineering

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## **LEADERSHIP, RECOGNITION AND AWARDS**

- 5x Verisk Excellence Award for solution delivery, collaboration, and mentorship (2019-2024)
- Organized university tech event with 2,500+ participants and \$5,000+ in sponsorships