

NEEL SUTHAR

+1 (416) 856-3145

neelsuthar1901@gmail.com



neelsuthar



Neel1901dev

EDUCATION

York University | Post graduation in Cyber Security and Cloud Operations | GPA: 4.17/4.30

Sep 2023 – May 2025

Gujarat Technological University | B.E. in Information Technology | CGPA: 9.30/10

July 2018 – June 2022

SKILLS

Languages	C, C++, Java, Python, HTML, CSS, JavaScript
Databases	MySQL, MongoDB, PostgreSQL, DynamoDB
Technologies	NLP, vLLM, PyTorch, Keras, TensorFlow, Scikit-learn
Cloud & DevOps	AWS, Google Cloud, Docker, Jenkins, CI/CD
Tools	Git, JIRA, VS Code, Jupyter Notebook, Power BI, Splunk Enterprise, Oracle PeopleSoft, SAP, Snowflake
Concepts	Object-oriented Programming, Data Structures & Algorithms, Microservices, Cloud Computing, SOLID Principles, System Design (LLD), Version Control, Code Optimization, NIST framework, Multithreading, CUDA
Other skills	Analytical and Critical Thinking, Highly-organized, Collaborative, Business Acumen, Cross-functional team leadership
Certifications	AWS Certified Cloud Practitioner (CLF-C01) – AWS, CompTIA Security+ (SYO-701), Oracle Certified Cloud Foundations Associate, Oracle Certified AI Foundations Associate, Preparing for Google Cloud Certification: Machine Learning Engineer Specialization, Connect and Protect: Networks and Network Security

WORK EXPERIENCE

Master Data Analyst | *Python, SQL, SAP*

June 2025 – Nov 2025

Article team – Loblaw's Head Office | *Toronto, Canada (Contract)*

- Managed article creation and maintenance in SAP while ensuring compliance with Enterprise Data Policies and quality standards across the product catalog of loblaw's.
- Resolved master data discrepancies by collaborating with cross-functional teams (Merchandising, Supply Chain, Costing, Vendors).
- Conducted day-to-day data cleansing to support store operations and drive continuous process improvements and maintained documentation.

IT Support Desk | *Oracle PeopleSoft, SIS, Destiny, JIRA*

October 2023 – May 2025

York University | *North York, Canada*

- Provided technical support and business analysis for student information systems, demonstrating strong problem-solving and analytical skills.
- Collaborated with cross-functional teams and multiple departments to resolve technical and administrative challenges.
- Managed confidential data and technical documentation in compliance with privacy regulations and security standards.
- Prepared comprehensive weekly status reports and conducted requirements analysis for system improvements.
- Displayed excellent customer handling skills and collaborated with different teams within the organization.
- Lead exam monitoring operations, showcasing excellent organizational and time management skills.

Security Analyst | *Splunk Enterprise, AWS, Python, Java, JIRA*

June 2022 – July 2023

Kody Technolab | *Ahmedabad, India*

- Assists clients in implementing data protection mechanisms and access control to secure sensitive data.
- Conducted security assessments and vulnerability scans using Splunk, identifying potential risks and recommending security improvements aligned with industry standards.
- Optimized database queries and system efficiency, resulting in significant operational cost reduction and improved performance.
- Utilized AWS services (S3, Lambda, Glue) for creating SNS services and ETL processing, enhancing scalability for critical business applications.
- Participated in daily Scrum calls, used JIRA for project management, wrote test cases, and contributed to system design.

PROJECTS

Sentiment Analysis and Opinion Mining | *Python, SQL, Google Cloud, BERT, NLP, CUDA*

- The goal of this project is to understand how people feel about a particular product, brand, or topic, and use this information to inform decision-making and drive business success.
- It involves the use of natural language processing (NLP) techniques and machine learning algorithms to extract insights from large sets of unstructured data, such as text from social media, news articles, and customer reviews.
- Established a structured model evaluation pipeline: Naïve Bayes baseline, LSTM intermediate, and BERT final (optimal solution, 97% accuracy).

CloudStore | *ReactJS, AWS services: Elastic Beanstalk, S3, Lambda, API Gateway, DynamoDB, SNS, EventBridge*

- Created a cloud-based file storage application that allows users to upload, download, and manage files securely on AWS.
- Implemented EventBridge for automated file deletion and SNS for personalized email notifications, enhancing user experience.

Customer Segmentation Analysis | *Python, Data Visualization, Machine Learning*

- The goal of this project is to divide customers into meaningful segments that can be targeted with specific marketing campaigns, products, or services.
- Used K-means algorithm and Dendrogram to find clusters.

Fortifying PHP: Best Practices for Writing Secure Code | *MySQL, PHP, NIST framework, White Paper*

- This white paper discusses the importance of secure coding practices in PHP applications to mitigate cyber risks and safeguard sensitive data.
- Developed security best practices documentation aligned with industry cybersecurity frameworks.
- Demonstrated expertise in secure coding practices and regulatory compliance requirements and provides practical recommendations and guidelines for enhancing the security posture of PHP applications.

Volunteers and Achievements

Event Volunteer, SiberX CISO Forum 2024

Cultural Programming Coordinator, Redefined Club and Canadian Young Academic Forum

President & Workshop Facilitator, Google Developer Student Club, York University

- Led cross-functional teams in planning and executing hackathon (Hack the Skies) and LeetCode Jam Solution focused on Machine Learning and emerging technologies
- Organized technical workshops including Cloud Study Jam and Solution Challenge, promoting innovation and technology adoption
- Demonstrated project management and stakeholder engagement skills through event coordination