

## EDUCATION

**Masters in Applied Computer Science**, Concordia University  
**Bachelor of Technology, Computer Engineering**, SALITER

09/2022 — 12/2023  
08/2016 — 09/2020

## SKILLS

**Programming** Python, Java, C++, JavaScript, Bash  
**Web Technologies** React.js, Redux, HTML, CSS, ChakraUI  
**Database System** MySQL, MongoDB, Firestore, Elasticsearch, Redis  
**Cloud Technologies** Amazon Web Services, Docker, Google Cloud Platform, Firebase  
**Project Management** Git, SDLC, Agile, Scrum, CI/CD, Github, Gitlab  
**Other** Flask, Django, Apache Kafka, ELK, SocketIO, Data Structures & Algorithms

## PROFESSIONAL EXPERIENCE

### Software Developer (Remote)

09/2022 — 04/2023

Turabit Solutions

Montreal, CA

- Architected a highly scalable logging solution using Apache Kafka, Python, and the ELK stack. This centralized logs from microservices, reducing log analysis time by 50% and enabling rapid troubleshooting and system health monitoring.
- Revamped the codebase through the migration of PowerShell commands to a server-side database, resulting in a remarkable 30% improvement in performance.
- Engineered a Python-based automated user greeting feature for chatbot, enabling personalized greetings based on dashboard options; resulting in a 50% increase in user satisfaction and a 30% decrease in customer churn.

### Software Developer

06/2020 — 08/2022

Turabit Solutions

Ahmedabad, IN

- Refined incident resolution by 60% and automated manual tasks by integrating Service Now ITSM with operational automation.
- Developed scalable microservices with Flask and Flask-Restful, adhering to SOLID principles for enhanced maintainability and scalability, resulting in a 40% reduction in system downtime.
- Implemented REST APIs in Python framework Flask to serve web applications, achieving a 30% improvement in response times and enabling efficient communication within microservices
- Enhanced MYSQL database performance by 20% through indexing, stored procedures, and optimized Elasticsearch queries.
- Orchestrated collaborative development tasks, including pull requests and Linux server deployments, utilizing Microsoft TFS for version control and staging environments, streamlining the development process and reducing deployment time by 25%.
- Achieved a 30% system performance enhancement by rearchitecting task creation, task generation, and configurable dashboard operations. Integrated a revamped AngularJS-powered chatbot, resulting in a 40% efficiency increase.

### Web Developer (Intern), Python

12/2019 — 05/2020

Turabit Solutions

Ahmedabad, India

- Engineered a Flask and AngularJS dashboard using MVC, SocketIO, and RESTful APIs. The dashboard featured a notification system and messaging capabilities, driving a substantial 30% enhancement in customer service and human agent efficiency for seamless client request handling.

## PROJECTS

### Montreal Mynix Athletic Club - Freelance, React, Nodejs, Firebase, Mongoddb

- Spearheaded the development of a robust end-to-end MERN application, catering over 1500 club members, seamlessly deploying client-side code on Hostgator/Cpanel and server-side code on Render.
- Integrated Paypal API and Google Firebase Authentication for a secure payment system and user management, ensuring reliability and protection in user registration and league participation transactions.

### NBCVisualize - ConuHacks VII, Flask Restful, HTML, CSS, Angularjs

- Utilized HighCharts.js for visualization of historical stock data and popular stocks.
- Implemented an 80% accurate anomaly detection system.
- Created a scalable Flask-based Backend as a Service with a RESTful API and a user-friendly UI using HTML, CSS, JS, and Bootstrap for intuitive data handling and presentation.

### Tier Change - ConuHacks VIII React, Node.js, Firebase, OAuth

- Directed the development of the Tier Change Project at Hackathon Conuhacks VIII, implementing a revenue-boosting scheduling algorithm using React, Node.js, Firebase, and OAuth.
- Executed successful management of online reservations and walk-ins, resulting in a substantial 20% increase in overall revenue. Coordinated team efforts for seamless integration and presented the project's potential at Hackathon Conuhacks VIII.