

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, Node.js, JavaScript, Bash
Web Technologies React.js, Redux, HTML, CSS, Tailwind
Database System MySQL, PostgreSQL, MongoDB, Firestore, Elasticsearch, Redis
Cloud Technologies Amazon Web Services, Docker, Google Cloud Platform, Firebase, Kubernetes
Project Management Git, SDLC, Agile, Scrum, CI/CD, Github
Other Apache Kafka, ELK, 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.