

Harsh Mishra

mishraharsh27@gmail.com

+1 514 573 9155

[linkedin.com/in/harshmishra27](https://www.linkedin.com/in/harshmishra27)

github.com/harsh2799

EDUCATION

Concordia University

Master of Applied Computer Science (GPA: 3.8/4.3)

Montreal, QC

Sept 22 – Present

Relevant Coursework: Programming & Problem Solving, Distributed System Design, Advanced DBMS, Software Methodologies

Sal Institute of Technology and Engineering Research

Bachelor of Engineering, Computer Engineering (GPA: 9.44/10.0)

Ahmedabad, India

Jun 2020

Relevant Coursework OS, Data Structures, Python, Database Management System, Object Oriented Computer Programming

SKILLS

Programming Languages: Python, Java, JavaScript, React, AngularJS, HTML, CSS, Bootstrap

Database: MySQL, MongoDB, Firebase, Redis, PostgreSQL, Stored Procedures

Cloud: Azure Active Directory, Bot Framework

Other technologies: GIT, Flask, Docker, Kafka, ELK Stack, ServiceNow, Linux, CI/CD, Agile Methodologies, Scrum, ReGex

PROJECTS

NBCVisualize - (Hackathon Project – Concordia University)

Jan 2023

Designed and developed a stock analysis dashboard with graphical representations using HighCharts.js, incorporating features like historical stock performance, popular stocks, and 80% accurate anomaly detection. Implemented a scalable Backend as a Service using RESTful API, while creating a user-friendly UI with HTML, CSS, JS, and Bootstrap.

Going Dutch (Concordia University)

Sept 2022

Led a team of software developers to design, develop, and implement a web-based expense tracking application using Python, Django, Flask, HTML, CSS, JavaScript, and React, enabling efficient management of shared expenses among friends and roommates while enhancing user experience through a user-friendly interface.

Self-Insure (Smart India Hackathon)

Summer 2019

Built an accident detection system using a GSM and GPS circuit, capable of detecting vehicle location and sending coordinates to nearby first responders. Integrated image recognition to assess vehicle damage percentage, enhancing response efficiency in emergency situations.

EXPERIENCE

Turabit Solutions PVT. LTD.

Ahmedabad, Gujarat

Software Developer (Part-Time) – Montreal, QC

Oct 2022 – Apr 2023

- Developed automated user greeting feature for chatbot, enabling personalized greetings based on dashboard options.
- Implemented AngularJS and Socket IO to streamline communication between logging service and dashboard, reducing server crash resolution time by 50% through centralized logging using Apache Kafka and ELK stack.
- Redesigned codebase to migrate client-side PowerShell commands to server-side database, resulting in 70% improvement in code efficiency and performance.

Software Developer

Jun 2020 – Aug 2022

- Integrated Service Now ITSM with operational automation, reducing incident resolution time by 60% and eliminating manual work processes.
- Developed scalable and maintainable microservices using Flask and Flask-Restful, following SOLID principles.
- Optimized MYSQL database performance by 20% through indexing, stored procedures, and Elasticsearch queries.
- Managed collaborative development tasks, including pull requests and deployment on Linux servers via Microsoft TFS for version control and deployment to development and QA environments.
- Improved system performance by 30% through architectural changes in task creation, dynamic task generation, configurable dashboard operations, and chatbot integration. Additionally, revamped the organization's chatbot using AngularJS and front-end technologies, resulting in a 40% increase in efficiency.

Software Developer Intern

Dec 2019 – May 2020

- Developed a Flask and AngularJS dashboard using MVC architecture, SocketIO, and RESTful APIs, with a notification system and messaging functionality, resulting in a 30% improvement in customer service and human agent efficiency for streamlined client request management.