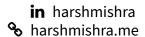
Harsh Mishra



EDUCATION

Masters in Applied Computer Science, Concordia University09/2022 — 12/2023Bachelor of Technology, Computer Engineering, SALITER08/2016 — 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, Mongodb

- 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.