Harsh Mishra

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EDUCATION

Masters in Applied Computer Science, Concordia University	**Sept 2022 — Dec 2023**
Bachelor of Technology, Computer Engineering, SALITER	**Aug 2016 — Sept 2020**

SKILLS

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

EXPERIENCE

Software Developer (Remote)   **Sept 2022 — April 2023**
Turabit Solutions   Montreal, CA

- Developed a centralized logging system for microservice architecture with Apache Kafka, Python, and ELK stack for log storage and visualization, increasing the log analysis efficiency.
- Enhanced codebase by migrating PowerShell commands to a server-side database, yielding a 30% boost.
- Developed automated user greeting feature for chatbot, enabling personalized greetings based on dashboard options using Python and SocketIO.

Software Developer   **June 2020 — Aug 2022**
Turabit Solutions   Ahmedabad, IN

- Enhanced incident resolution by 60% and eliminated manual tasks by integrating Service Now ITSM with operational automation.
- Engineered scalable microservices with Flask and Flask-Restful, adhering to SOLID principles for maintainability.
- Developed REST APIs in Python framework Flask to serve the web applications as well as APIs to communicate within the micro-services.
- Boosted MYSQL database performance by 20% via indexing, stored procedures, and optimized Elasticsearch queries.
- Orchestrated collaborative development tasks, including pull requests and Linux server deployments via Microsoft TFS for version control and staging environments.
- Achieved a 30% system performance enhancement by rearchitecting task creation, dynamic task generation, configurable dashboard operations, and integrating a revamped AngularJS-powered chatbot, resulting in a 40% efficiency increase.

Web Developer (Intern), Python   **Dec 2019 — May 2020**
Turabit Solutions   Ahmedabad, India

- Engineered a Flask and AngularJS dashboard employing MVC, SocketIO, and RESTful APIs, featuring a notification system and messaging capabilities, driving a 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, Flask Restful, HTML, CSS, Angularjs
- Utilized HighCharts.js for dynamic 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.

Expensify - Expense Manager, Java, Spring Boot, JavaScript
- Led a team of developers to design and develop a web-based expense tracking app using Java and Spring.
- Implemented test driven development, SOLID principles and design patterns to enhance code performance and maintainability in the project.