Misha Butt

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📞 (365)777-6479

Technical Skills

Tools and Software

Google Suite,
Microsoft Office

Languages

Java, JavaScript/Typescript, C#,
C, C++, Python, Bash, HTML,
SQL, PHP

Operating Systems

Unix, Mac OS, Ubuntu, Windows

Frameworks

React, Node.js

Education

**Bachelor of Science Honours
Specialization in Computer
Science with a Minor in
Software Engineering**

Western University
2019-2024

Work Experience

Rosedale Digital Marketing | Salesforce Developer

January 2024 - Present • Toronto, ON

- Engineered and debugged SSJS scripts and API integrations to enhance Salesforce Marketing Cloud performance, improving data synchronization accuracy across multiple client platforms
- Designed and launched personalized email campaigns and time-sensitive landing pages for contests using AMPscript and JavaScript, driving measurable increases in customer engagement and sales for clients in the retail, sports, and banking sectors
- Developed and optimized REST and SOAP API workflows to automate data transfer between internal and diverse client systems, improving data reliability and cutting manual data handling by over 30%

IBM | Back End Developer Intern

May 2022 - August 2023 • Markham, ON

- Implemented a single page application from a legacy web application for the IBM Business Process Manager software in a scrum environment
- Modernized and updated UI for Process Admin Console web application using IBM's Carbon Design System
- Achieved a 70% reduction in startup time by resolving package vulnerabilities
- Refactored and developed modern and user-friendly frontend pages in React with Typescript, CSS, Redux from JSP
- Utilized Jira, Git and IBM Rational Team Concert to organize tasks through functional needs and manage code delivery
- Updated components and UI to ensure application adhered to accessibility standards using IBM Accessibility tester and JAWS
- Developed and debugged RESTful APIs through the OpenAPI Specification and refactored Java backend logic

Projects

AI Non-Playable Character Chat Box | Unity, C#

- Enabled user interaction with NPC by integrating AI generated dialogue, fine-tuning pre-trained language models, and synchronizing NPC lip movements with generated speech
- Integrated text-to-speech functionality to further enhance player immersion, offering a seamless gaming experience
- Identified limitations in dialogue coherence, NPC behavior variability, and speech synthesis quality, highlighting areas for future research and improvement

SCC Dashboard | React, TypeScript, Python

- Built an interactive web dashboard visualizing 50+ years of Canadian Supreme Court judgments, including trends by year, province of origin, subject matter, and panel composition of judges through dynamic viewers
- Engineered a full RESTful API and data pipeline to automatically scrape, clean, and transform raw court decisions into structured JSON files
- Containerized the entire application using Docker, ensuring seamless deployment of backend services