Muska Ebadi

Pickering / Toronto, ON

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EDUCATION

Ontario Tech University   **Sep 2024 – Apr 2028 (Expected)**
Bachelor of Engineering (Honours), Software Engineering (Co-op)   *Oshawa, ON*
Relevant Coursework: Object-Oriented Programming, Data Structures, Web Programming, Discrete Mathematics, Software Design & Requirements, Digital Systems & Computer Architecture

EXPERIENCE

Avatone Technologies Inc   **Jan 2026 – Present**
Software & Growth Engineering Associate — Avatone Growth Hacking Team   *Toronto, ON*
- Work within a growth engineering environment where software changes, analytics, and user behavior are tightly coupled to product performance, experimentation velocity, and iteration outcomes.
- Implement and validate frontend and content-structure changes, ensuring alignment with SEO requirements, accessibility standards, cross-browser compatibility, and performance considerations.
- Analyze engagement data across funnels and interaction points to identify system-level UX inefficiencies and conversion blockers, translating insights into clearly scoped iteration priorities.
- Support experiment design and execution by tracking hypotheses, technical changes, and observed outcomes across iterations to enable repeatable, data-driven optimization workflows.
- Translate experimental results into actionable technical and UX recommendations for navigation structure, content hierarchy, call-to-action placement, and user flow clarity.

Greendale Lavender Company   **Jan 2026 – Mar 2026**
Web Developer — Website Enhancement Project   *Remote —Chilliwack, BC*
- Enhanced a production website by restructuring information architecture, navigation flow, and responsive layouts to ensure consistent behavior across desktop, tablet, and mobile devices.
- Implemented technical SEO improvements including semantic HTML, metadata optimization, internal linking strategies, and page hierarchy refinement to improve organic discoverability.
- Built and integrated new pages and multimedia content with close attention to usability, performance optimization, accessibility, and long-term maintainability for scalable updates.

Karma Cares Community   **Dec 2025 – Feb 2026**
Web Developer — Industry Partner Project   *Toronto, ON*
- Developed and maintained a client-facing website for a mental wellness organization with a focus on clarity, accessibility, and trust-driven UX.
- Implemented interactive components including forms, booking workflows, and content updates using clean, semantic markup to support client engagement.
- Reworked layouts, navigation flows, and content hierarchy to improve mobile responsiveness and usability across devices while maintaining consistency.
- Applied SEO best practices using semantic HTML, metadata, and structured content to improve discoverability without sacrificing maintainability.
- Collaborated with stakeholders to gather requirements, iterate on feedback, and deliver approved updates on schedule.

Private Math & Physics Tutor   **Jan 2024 – Nov 2025**
Self-Employed   *Durham Region, ON*
- Delivered one-on-one tutoring in Mathematics and Physics, designing structured lesson plans with visual explanations and targeted problem sets.
- Adapted instruction to diverse learning styles while reinforcing analytical thinking, problem decomposition, and clear technical communication.

PROJECTS

Incident Analytics Dashboard | Spring Boot, Java, React, Tailwind CSS, Recharts   *Jan 2026*
- Designed and implemented a full-stack incident analytics and management platform using Spring Boot REST APIs and a React-based dashboard with responsive layouts.
- Architected an incident lifecycle system with explicit state transitions (OPEN → ACKNOWLEDGED → IN_PROGRESS → RESOLVED) and consistent API-driven updates.
- Built a real-time activity feed reflecting backend state changes through event-driven UI updates, lifecycle events, and backend-triggered status transitions.
- Developed interactive data visualizations for trend analysis, status distribution, and risk summaries using Recharts with custom tooltips, legends, and responsive layouts.
- Structured backend services to support extensibility for rules-based processing, analytics expansion, and future third-party integrations.

Movie Review App (Flicks & Giggles) | HTML, CSS, JavaScript, PHP, MySQL, OMDb API   *Oct 2025*
- Built a full-stack web application enabling users to browse movies and submit reviews through a responsive interface with dynamic client-side rendering.
- Implemented backend logic using PHP with structured request handling and validation, and designed a normalized MySQL relational schema for user-generated content storage.
- Integrated the OMDb API to fetch live movie data including titles, posters, and release years, handling API responses dynamically and managing collaboration via GitHub.

Arduino-Based Engineering Design Project | Arduino, C++   *Nov 2025*
- Designed and implemented a sensor-based embedded system prototype using Arduino and C++, collaborating in a team through iterative prototyping, testing, and refinement.
- Debugged hardware–software interactions and refined the system to meet functional and performance constraints under real-world testing conditions.

LEADERSHIP & INVOLVEMENT

Women in STEM — Ontario Tech University   *Active Member & Professional Development Participant*
Engage in academic networking events, professional development workshops, and mentorship-focused initiatives; contribute to peer discussions and inclusive community-building efforts supporting women in engineering and technology.

TECHNICAL SKILLS

Languages: Java, Python, C++, JavaScript, HTML/CSS, PHP, SQL
Frameworks & Libraries: Spring Boot, React, Tailwind CSS, Recharts
Web & Databases: REST APIs, MySQL, Backend Integration
Tools: Git, GitHub, VS Code, WAMP, Wix, Figma, Arduino
Concepts: Full-stack development, API design, data visualization, responsive UI, software architecture fundamentals