Ibrahim Mamman
Software Engineer

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Education

University of Manitoba

Bachelor of Science in Computer Science Honours
GPA: 3.46
Jan 2022 – Apr 2026

Employment

Sales Associate, Canadian Tire *Apr 2023 – Present*

- Provide exceptional customer service, assisting with product selection and inquiries to enhance the shopping experience.
- Utilize in-depth knowledge of store products to offer recommendations and upsell complementary items, boosting sales figures.
- Developed strong problem-solving skills by addressing and resolving customer issues efficiently.

Canvasser, Sovereign North *Sept 2023 – Oct 2023*

- Demonstrated excellent communication and persuasion skills, resulting in surpassing fundraising targets.
- Distributed educational materials and gathered public feedback to inform and adapt campaign strategies.
- Coordinated with team members to cover extensive residential areas, maximizing campaign reach and impact. Showcased team collaboration and leadership abilities by effectively working with and guiding fellow canvassers.

Software Projects

- **Galaxy: Immersive Space Exploration Web Application with Live NASA and Pixabay Data:** https://galaxy.mammani.com/
  Developed an interactive web application that provides an immersive space exploration experience. Integrated real-time data from NASA and Pixabay APIs to offer users updated information and visuals about space. Utilized full-stack development, API integration, and responsive design. Applied agile methodologies to manage the project, ensuring timely delivery and adaptability to changes.
  Tools Used: JavaScript, Node.js, Express, RESTful APIs, HTML5, CSS3, NASA API, Pixabay API.
- **HoopShop: Responsive E-Commerce Application with AJAX Live Search and Secure Authentication:** https://hoopshop.mammani.com/
  Created a responsive e-commerce application named 'HoopShop' featuring AJAX-powered live search for dynamic product queries. Implemented secure authentication and smart product filtering to enhance user experience. Conducted project management activities, including task allocation and timeline setting. Practiced problem-solving and agile methodologies to iteratively improve the application.
  Tools Used: JavaScript, AJAX, Node.js, Express, HTML5, CSS3.
- **Electric Automotive: Full-Stack Application for Car Enthusiasts with Real-Time Data Integration:** https://electric.mammani.com/
  Engineered a full-stack application for car enthusiasts, integrating real-time data from various automotive sources.
  Tools Used: JavaScript, React, Node.js, Express, PostgreSQL, RESTful APIs, HTML5, CSS3.

Skills: Programming Languages, Libraries & Frameworks

Swift, Kotlin, Android Compose, Dart, Java, C, Unix, Git, C#, C++, Python, HTML, CSS, JavaScript, TypeScript, PHP, Node.js, React, Angular, Vue.js, Bootstrap