

# Omar Mostafiz

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## SUMMARY

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Versatile Software Engineer with proven experience delivering AI-driven automation, scalable backend systems, and production-ready web and mobile applications. Strong track record of improving operational efficiency and user engagement through custom solutions built with React, React Native, AWS, and LLMs. Adept at working across the stack to ship high-impact features quickly and reliably.

## EXPERIENCE

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### Software Engineer, ATeleSys – Remote Canada

Mar 2025 – Present

- **Automated blog content creation**, reducing manual effort by **90%**, by deploying a custom **n8n workflow** that integrated **GPT-4, DALL-E, DeepSeek, and Google Drive** to generate visually rich, SEO-optimized **WordPress** articles.
- Built a fully customizable **AI receptionist** platform using **VoIP** (Twilio) and **AWS Lambda**, tailored to individual clinics' workflows and brand tone.
- Enabled **24/7** intelligent call handling with support for up to **5 concurrent calls**, automating lead capture, call routing, and appointment booking across clinics.

### Mobile Application Developer, AO2.app – Remote USA

June 2024 – Jan 2025

AO2 - An innovative mobile application offering secondary business **phone numbers** and **eSIM** solutions.

- Designed and led the development of a mobile app from concept to beta using **React Native, Node.js**, and **AWS Serverless Lambda**, achieving a **20% faster development** cycle by optimizing build processes and deployment strategies.
- Implemented **Apple StoreKit** and **Google Play Billing** frameworks for streamlined in-app purchases and subscription management, simplifying the backend processes by 25%.
- Facilitated the **Agile** process by leading sprint planning, daily stand-ups, and code reviews, which reduced development time by 15% and ensured timely delivery of features that met high-quality standards.

### Software Developer (CO-OP), Mitsubishi HI RJ Aviation Group – Mississauga, ON

May 2022 – Aug 2023

- Led the development of a web application using **React** and **Flask** to streamline access to technical publications, improving customer satisfaction and **reducing publication retrieval time by 300%** for key clients.
- Developed and implemented custom **Omnimark scripts** to resolve **SGML data** issues, increasing data integrity and enhancing client trust, strengthening the relationship with the company's largest client.
- Implemented **XSLT scripts** to validate **XML data** accuracy, enhancing quality control over vendor-converted SGML data and eliminating data-related errors.
- Managed and optimized the **internal database and publishing tool** for technical publications, ensuring data accuracy and reliability for over 30 internal users.

## EDUCATION

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### University of Toronto, Honours Bachelor of Science

Sep 2019 – May 2024

- **Computer Science** Specialist, Dean's List Scholar
- Relevant Coursework: Programming on the Web, Data Structures and Analysis, Algorithm Design and Analysis, Introduction to Artificial Intelligence, Computational Complexity and Computability, Scalable Computing, etc.

## TECHNICAL SKILLS

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- **Programming Languages:** JavaScript, TypeScript, Python, Java, C, C++, R, SQL, NoSQL, HTML
- **Frameworks & Libraries:** Node.js, React, React Native, Django, Flask
- **Cloud & DevOps:** AWS, Azure, Docker, Virtual Machines
- **Tools & Technologies:** Git, GitHub Actions, n8n, VoIP, REST APIs, Apple StoreKit, Google Play Billing