

Raheem Mussa

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Employment Experience

Product Manager, Transportation Engineering at Miovision

Kitchener, ON | Apr 2017 - Present

Miovision delivers traffic data, real-time vehicle detection, and advanced engineering analysis for 600+ cities and engineering firms

- Designed and launched an application to manage, share, and request traffic data, with customers including Toronto's King St Pilot
- Doubled user base within 18 months through in-app data sharing, traffic visualization, and localization in French and German
- Led a team of 5 to create analysis software to assess traffic impact 3x faster than normal, increasing overall ARR by 12% in a year
- Developed 1 and 5-year product roadmaps to company leadership to sustain a \$30M customer base on a single platform

Product Designer at Miovision

Kitchener, ON | Feb 2015 - Mar 2017

- Designed a portable network-connected traffic camera that can be remotely maintained, increasing revenue yearly by 7%
- Created a computer vision and human qualification application to count traffic data, reducing processing costs by 4% in a year
- Led design sprints to validate a new product idea in 7 days, which evolved into a traffic application serving 600+ cities

Co-Founder, Designer at Suvien

Toronto, ON | Feb 2014 - Jan 2016

Suvien is a non-profit tablet application designed for improving behavioural moods of those with Alzheimer's

- Designed the caregiver experience to manage content, developed the clinical trial framework and market-facing website
- Clinical trial participants with Sheridan Care for Elderly uncovered a 5-point mood improvement on the PANAS mood scale
- Partnered with the Alzheimer's Society of Ontario and Ontario Brain Institute for further trials in their R&D portfolio

Consultant, Web & Mobile at LANSA

Toronto, ON | Jan 2013 - Jun 2014

LANSA is a technology consulting company that delivers e-commerce and insurance solutions for clients in the USA and Caribbean

- Developed an insurance estimation tool for a university retirement fund, increasing renewal rates by 14% in one year
- Reduced wait times for a university registration course selection site by 52% by converting a list to a set structure

Senior Product Developer at Bimeda Animal Health Pharmaceuticals

Cambridge, ON; Los Angeles, CA | May 2012 - Oct 2012

- Designed and developed a bacteria monitoring and reporting process to reduce microbiology labour costs by 8% per week
- Created a solution that automated alerts and reported historical trends within a 20-person production facility
- Met ISO-13048 compliance for installation, operation, and performance qualifications for pharmaceutical regulatory approval

Education

Systems Design Engineering, Honor's with Distinction, at University of Waterloo

May 2012

Industrial Engineering (Exchange Program) at National University of Singapore

May 2011

Certifications: Dale Carnegie Leadership Training, DesignLAB

May 2016