

Daivik Goel

3A Computer Engineering | Management Sciences Option | University of Waterloo

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SKILLS

Product Management	Trello, JIRA, Confluence, Agile, Scrum, Strategy, UI/UX design, Data Analysis
Languages	Javascript, C++, C, HTML, CSS, Java, SQL, Python, Ruby, Bash, Matlab, ARM, VHDL
Data Science	Machine Learning with Numpy, Pandas, Sci-kit Learn; AI with IBM Watson
Web Development	Node.js, React, Redux, mySQL, Ruby on Rails, Bootstrap, MongoDB
Software Tools	AWS, Omnigraffle, Xcode, Android Studio, UNIX, Postman, Git, Jupyter Notebook

WORK EXPERIENCE

PRODUCT MANAGER | IBM

Calgary | January 2019 – April 2019

- Coordinated with global Data Science, Design and Development teams through major technical overhaul and responsive UI/UX redesign on products in one IBM's biggest client-based project to date
- Led the product refresh to a modern, mobile-friendly user interface resulting in a 40% increase of desired user flow and created project cost management plans resulting in the discovery of a \$300,000 surplus
- Developed monitoring tools for Machine Learning Regression models using Pandas, Numpy, and Sci-kit Learn resulting in the reduction of the time to discover point of failures by 85%

SOLUTIONS ARCHITECT | Shaw Communications

Calgary | May 2018 – August 2018

- Conceptualized various Cloud and Network Architectures using Amazon Web Services and in-house Shaw technologies targeted for potential adoption from all of Shaw's 3.2 million customers
- Focused on migrating legacy systems to Serverless services such as Amazon Lambda and to partnered technologies from Comcast resulting in a 20% increase in user satisfaction
- Collaborated with senior technical leaders in Shaw and Comcast to assess Automation Architecture and enable Shaw to run more lean operation in turn reducing operating expenses by 30%

PRODUCT OWNER | Royal Canadian Air Force

Kitchener | September 2017 – December 2017

- Designed product specifications and UI/UX Designs for an app set to release to all 17,000 members
- Led a team of 4 through 2 pivots, redefining product strategy and iterating based on user feedback
- Proposed solutions on a wide variety of proprietary projects to various wing commanders resulting in an increase of 15% in the Air Force's investment in technology driven initiatives

ENTERPRISE DEVELOPER | Mosaic Sales Solutions

Toronto | January 2017 – April 2017

- Developed features in React and Node.js for a survey app resulting in a 200% increase in user responses

RELEVANT EXPERIENCE

FOUNDER | uWaterloo Voice

📧 medium.com/uwaterloo-voice

As Founder, I engage with multiple students across campus and manage planning, execution and marketing. This has led to a combined 50,000+ views across a variety of different articles featured on the publication.

PROJECT MANAGER | Student Pathways Challenge

🔗 [Communitiechies/student-pathways-challenge-prototype](https://communitiechies/student-pathways-challenge-prototype)

As Project Manager, I developed a project plan for the timely completion of a compelling Proof of Concept, which won 2nd place and a \$13,000 cash prize in a competition involving over 50 teams across Ontario.

DIRECTOR OF MARKETING - OUTREACH | UW VR

Responsible for collaborating with organizations with VR and AR Technologies such as Microsoft and Oculus

1st PLACE ENGINEERING DEBATE CHAMPION | Sandford Fleming Foundation

Defeated 5 other elite engineering collegiate debate teams to get 1st Place and a cash award of \$1600.

LINKEDIN & JUMPSTART STUDENT AMBASSADOR | LinkedIn & Jumpstart