

# Daivik Goel

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

✉ d3goel@edu.uwaterloo.ca | 📞 403-472-9976 | 💻 daivikgoel.com | 🌐 daivikg | 📧 daivikgoel

## SKILLS

Product Management	JIRA, Trello, Confluence, Agile, Scrum, UI/UX design, Data Analysis
Languages	Python, C++, C, Java, Ruby, Javascript, HTML, CSS, SQL, Bash
Data Science	Machine Learning with Numpy, Pandas, Sci-kit Learn, AI with IBM Watson
Web Development	Node.js, React, Redux, Bootstrap, MongoDB, MySQL, Ruby on Rails
Software Tools	AWS, Jupyter Notebook, Studio 3T, UNIX, Git, Omnigraffle, Xcode, Android Studio

## WORK EXPERIENCE

### COGNITIVE SOFTWARE DEVELOPER | IBM

Calgary | January 2019 – April 2019

- Assigned as **Product Manager** and coordinated with global Design, Data Science and Development teams through major technical overhaul and responsive UI/UX redesign in one IBM's biggest client project
- Led the product refresh to a modern, mobile-friendly user interface resulting in a 40% increase in 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 decreasing 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 by all of Shaw's 3.2 million customers
- Focused on migrating legacy systems to Serverless services such as Amazon Lambda and 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 reducing operating expenses by 30%

### SOLUTIONS DEVELOPER | Royal Canadian Air Force

Kitchener | September 2017 – December 2017

- Assigned as **Product Owner** and created product timelines and the UI for an app made for 17,000 users
- 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 increasing the Air Force's investment in technology driven initiatives by 15%

### 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](https://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 2<sup>nd</sup> place and a \$13,000 cash prize in a competition involving over 50 teams across Ontario.

### VICE PRESIDENT | UW Product Management Club

Working on fostering product perspective and principles throughout the University of Waterloo

### DIRECTOR OF MARKETING - OUTREACH | UW VR

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

### 1<sup>st</sup> PLACE ENGINEERING DEBATE CHAMPION | Sandford Fleming Foundation

Defeated 5 other collegiate debate teams to be crowned 1<sup>st</sup> Place and receive a cash award of \$1600.