

Daivik Goel

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

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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 UX redesign in one of 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

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.

VICE PRESIDENT | UW Product Management Club

Leading Marketing and Branding for Canada's first PM based hackathon with an expected 500 participants.

DIRECTOR OF MARKETING - OUTREACH | UW VR

Collaborating with a Harvard Research Team and companies with VR/AR Technology like Microsoft and Oculus

2 X 1st PLACE ENGINEERING DEBATE CHAMPION | Sandford Fleming Foundation

Defeated 12 other collegiate debate teams to be crowned 1st Place twice and receive a total award of \$2500.