

# Daivik Goel

4A Computer Engineering | Management Sciences Option |  University of Waterloo

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## SKILLS

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|--------------------|--|
| Product Management | JIRA, Trello, Confluence, Agile, Scrum, Gainsight, UI/UX design, Data Analysis |
| Data Science       | Machine Learning with Numpy, Pandas, Sci-kit Learn, NLP with NLTK              |
| Web Development    | Node.js, Flask, Socket.IO, React, Redux, Bootstrap, MongoDB                    |
| Software Tools     | AWS, Jupyter Notebook, GCP, UNIX, Git, Omnigraffle, Xcode, Android Studio      |
| Languages          | Python, C++, C, Java, Javascript, HTML, CSS                                    |

## WORK EXPERIENCE

**TECHNICAL PROGRAM MANAGER, ENERGY** |  Tesla Remote (Palo Alto) | May 2020 – August 2020

- Set goals, tracked deliverables, identified and mitigated risks across firmware and software releases of Tesla's Residential Energy Products installed in over 100,000+ homes
- Oversaw release management which led to the reduction of time between release lock to sign off by 25%
- Coordinated between senior executives, business, service, testing and development teams for successful program completion of 2 new critical energy products

**PRODUCT MANAGER, DIGITAL** |  Tesla Fremont | January 2020 – April 2020

- Led the transformation of the Used Vehicle Purchasing Experience set to increase purchases by 300%
- Executed data-driven product decisions by conducting data analysis on various data sets consisting of 2 million+ rows using Pandas, Numpy and Sci-kit Learn as well as similarity categorization with NLP
- Defined various KPI's and metrics in the creation of a new digital analytics solution which could provide over 10 million+ dollars of business value

**PRODUCT MANAGER, CLOUD** |  Information Builders New York | September 2019 – December 2019

- Defined organization wide strategy and vision of the company's premier product's transition to Kubernetes and the cloud to reclaim its position in the 169 Billion Dollar market
- Oversaw the definition and development of an all inclusive KPI dashboard using metrics from various streams like Gainsight, Salesforce and AWS to give an overarching view on product success
- Took complete ownership of designing product mockups, and user flow for a cloud trial targeted to increase the company's client base by 1000%

**COGNITIVE SOFTWARE DEVELOPER** |  IBM Calgary | January 2019 – April 2019

- Acted 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%

## RELEVANT EXPERIENCE

**FOUNDER** | uWaterloo Voice

 [medium.com/uwaterloo-voice](https://medium.com/uwaterloo-voice)

I engage with multiple students across campus and manage planning, execution and marketing which has led to a combined 120,000+ views across a variety of different articles featured on the publication.

**HACK THE NORTH WINNER** | University of Waterloo

 [devpost.com/software/karaoke-party](https://devpost.com/software/karaoke-party)

Won Canada's biggest hackathon by creating Karaoke Party, a video calling application, that uses a real-time audio comparison algorithm combined with a unique design to provide a virtual karaoke experience

**PODCAST HOST** | The Almost Dropouts

 [anchor.fm/thealmostdropouts](https://anchor.fm/thealmostdropouts)