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

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

- Assigned as **Product Manager** and coordinated with global Data Science, Design 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 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%

SOLUTIONS DEVELOPER | Royal Canadian Air Force   Kitchener | September 2017 – December 2017

- Assigned as **Product Owner** and created product timelines and the UI/UX for an app made for 17,000
- 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 initatives

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
○ Communitechies/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
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 Technoloigies such as Microsoft and Oculus

1st PLACE ENGINEERING DEBATE CHAMPION | Sandford Fleming Foundation