Daivik Goel

3A Computer Engineering | University of Waterloo

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SKILLS

Product Management	Stakeholder Management , JIRA, Confluence, Agile, Scrum, 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 Owner and leading the creation of user stories for a development team of PhD Data Scientists located in New York and Calgary. Leading design decisions on the UI/UX of the product.
- Creating algorithms utilizing Natural Language Processing Methods such as Word2Vec for data extraction
- Developing Python models for real-time analytics streaming using Kafka and Cassandra and machine learning using Pandas, numpy, and scikit-learn

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 adapting Shaw's systems to transition to Serverless technologies such as Amazon Lambda and technologies gained through its partnerships with companies such as Comcast
- 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

- Designed product specifications and UI/UX Designs for an app set to release to all 17,000 of the Air Force
- Acted as Product Owner and executed the vision of the app with designers and developers using Agile
- 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

- Designed new features to capture user data using React Native, Ruby on Rails, and SQL
- Collaborated with buisness to ideate new features for an application used by 1000's of customers

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 20,000+ views across 20 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.

1st PLACE ENGINEERING DEBATE CHAMPION | Sandford Fleming Foundation
Defeated 5 other collegiate debate teams to be crowned 1st Place and recieve a cash award of $1600

LINKEDIN LEARNING STUDENT AMBASSADOR | LinkedIn
Organizing various events and social media campaigns to promote Linkedin Learning around campus