

ABOUT ME

A motivated and tech-savvy engineering graduate and active Army Reservist. Skills include public speaking, creative problem solving, software expertise, and project management. Effective communicator and multi-lingual team player keen on developing more professional and technical skills.

LANGUAGES

English, German, French & Hindi

SOFTWARE & PROGRAMMING

C++, Python, Java, SQL, Processing, MATLAB, ArcGIS(ESRI), QGIS, AWS Workspaces, Jira, Domo, Miro & MS Office

OTHER SKILLS

Leadership, Project Management, Procurement, Product Management Communication, Public Speaking, Critical Thinking, First Aid, Military Weapons Handling, Field Survival, WHMIS, CBRN, and Radio Procedure

LICENSES

- 1) Basic Operations - Drone Pilot
- 2) First Aid, CPR & AED
- 3) Alberta C-5 Drivers License
- 4) HVAC Fire Safety
- 5) Canada Labour Code
- 6) Launchpad Entrepreneurship
- 7) UAS Safety TRUST

VOLUNTEERING

- 1) Engineering Student Society
2016-Present
- 2) Indian Student Association
2016-2021
- 3) TC Energy Student WEE
2020-2021
- 4) SETI@Home
2019-2020

PROFESSIONAL BACKGROUND

Software Product Manager

Trimble Inc.

JUNE 2022 TO PRESENT
DENVER, COLORADO, UNITED STATES

Employed within the Trimble Business Center (TBC) - Product & Software Marketing Team. Routine responsibilities include:

- 1) Interfacing with worldwide customers and Beta users to build product enhancements.
- 2) Managing product releases in collaboration with engineering, QA and marketing teams.
- 3) Obtaining feedback and troubleshooting end-user queries.
- 4) Creating promotional and education video/print materials.
- 5) Driving product development roadmaps based on market research and customer engagement.
- 6) Planning and executing product training/demos during seminars, conferences and trade shows.
- 7) Liaising with regional/global sales teams and channel managers to coordinate scalable product adoption and deployment strategies.

Major projects include performing technology and business oriented competitive analyzes against competitor software solutions while providing input on product vision and regional sales strategies.

Fundamentals applied: Scrum, Agile, UI/UX, Project Management, Go-to-Market, KPIs, and Marketing

Armoured Officer / Engineering Detachment NCO

Canadian Armed Forces - Army Reserves

JUNE 2015 TO PRESENT
CANADA WIDE

Routine tasks range from the operations and maintenance of armoured fighting vehicles, weapon systems, communication equipment, and engineering hardware. Additional duties and major projects include:

- 1) Providing primary leadership, training and discipline for junior troops.
- 2) Conducting reconnaissance and tactical security patrols.
- 3) Liaising with international partners to execute training and in maintaining operational readiness.
- 4) Constructing and maintaining field-based infrastructure and comms assets.
- 5) Managing, leading and participating in various defense procurement field trials focusing on ranging, scanning, communications equipment and also autonomous reconnaissance solutions.

Geodetic & Integrated Services Engineer

Government of Canada - Department of Natural Resources

MAY 2019 TO AUGUST 2019
OTTAWA, ONTARIO, CANADA

Employed for the Surveyor General Branch located within the department of Natural Resources Canada.

Attach posted for an assignment on behalf of the Canadian Armed Forces. Duties included:

- 1) Designing, implementing, and maintaining a spatial database using SQL.
- 2) Assisting NRCan's staff with the management and administration of ongoing projects.
- 3) Developing, testing, and verifying web content, mathematical applications, and documentation.
- 4) Monitoring Canada's GPS, GNSS, and Arctic spatial infrastructure using Python.
- 5) Analyzing ongoing technical processes and numerical/statistical data results.

EDUCATIONAL BACKGROUND

University of Calgary - Schulich School of Engineering

Bachelors of Science in Geomatics Engineering, BSc(Eng)

2016-2022 [GRADUATED]
CALGARY, ALBERTA, CANADA

Geomatics engineering is an information technology discipline that deals with the acquisition, modeling, analysis, and management of spatial data. Program included:

- 1) Project management principles such as planning, scope development, design, procurement, construction, commissioning, and start-up to engineering projects.
- 2) Estimation, statistical analysis, remote sensing, geodesy, satellite positioning, photogrammetry, signals/spectral analysis, mapping, environmental modelling, wireless technologies, and land surveying.
- 3) System design and integration of Geospatial Information System (GIS), databases, software and hardware.
- 4) General engineering knowledge, application and business fundamentals.

CAPSTONE PROJECT: Wireless Smart Scanner Application

SPECIALIZATION: Project Management & Entrepreneurship

References Available Upon Request

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