

JOELLE LINDSEY

CALGARY, ALBERTA

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FULL STACK SOFTWARE DEVELOPER

- Graduate of EDGE UP Full Stack Software Development Certificate program and SAIT Applied Machine Learning program where I developed a passion for programming: learned C#, HTML, CSS, JavaScript, Bootstrap, Node.js/Express, SQL Server and Machine Learning Principles.
- 12+ years in designing oil and gas facilities in Engineering, Procurement and Construction companies collaborating with diverse multi-disciplinary engineering teams and client-teams.
- Lifelong passion for understanding and solving problems, driven to dig in and understand what doesn't fit and create lightbulb moments while building solutions to help clients and users achieve their goals.

Tech Skills: C#, HTML5, CSS3, JavaScript, Bootstrap, React, Node.js/Express, SQL Server, Git, Jira

KEY ACCOMPLISHMENTS

COLLABORATION/ TEAM PLAYER

Collaborated with multidisciplinary team of 4-10 people and client teams varying from 2-10 people to develop engineering documents for 21 projects and 4 clients. Responded to requests for information and feedback in a timely manner to ensure colleagues and clients could proceed.

CUSTOMER FOCUS

In riipen work project, distilled information from client documents, created powerpoint of webpage design and presented to client to ensure alignment with design.

COMMUNICATION

Facilitated one-on-one meetings with colleagues and clients as required to clarify problems, brainstorm solutions or communicate changes to design.

PROBLEM SOLVING

In riipen work project, with team of 5 consistently came up with solutions to coding problems when designing features. For example. Figured out how to connect to SQL server database from node.js.

ORGANIZATION/ TIME MANAGEMENT

Led process design on 2-7 projects at a time, with multiple clients to develop process design while balancing quality expectation, budget constraints and schedule timelines.

PROFESSIONAL EXPERIENCE

Oct 2021 – Present

Calgary, AB

SMALL CONTRACTS

REBEL SLEEP INSTITUTE – OSCAR EMR/JUNO eFORM DEVELOPMENT (Jan)

Worked with health care team to develop eforms connecting to database.

- Developed 5 HTML forms and 11 custom flowsheets with connection to database and collaborated with health care team to ensure database measurements were validated correctly.
- Technology utilized: HTML, CSS, JavaScript, oscarEMR, Juno

Sept 2020 - Oct 2020

Calgary, AB

<https://github.com/SimfoniWebsite/Simfoni>

BOW VALLEY COLLEGE – RIIPEN WORK PROJECT

Simfoni Development Corporation Website

Led design with team of 5 to develop website for Simfoni to support them in their mission to connect community-based entrepreneurs with required business opportunities.

- Delivered final website with login page, registration pages, and member goal catalog page for registered members to create smart goals including server and database.
- Deployed website on heroku after updating database to PostgreSQL, and updating server file connections.
- Used jira software to break down user stories, attended daily meetings to stay on task, worked in 2 week sprints to develop website.
- Technology utilized: HTML, CSS, JS, Node.js/Express, SQL Server

Database

Aug 2016 - Mar 2020

Calgary, AB
<https://www.hocs.ca/>

INTERMEDIATE PROCESS ENGINEER, P.ENG

HOCS Projects Inc. / Calgary

Small (~40 employees) EPC company, worked in process department of 5 reporting to the Process Engineering manager and Project Managers for assigned projects. In charge of developing process engineering documents including modeling facility operations and collaborated with client and internal design teams to design oil and gas facilities.

- Crafted design basis on 21 projects to confirm problem statement, assumptions and parameters for design to ensure alignment with Client team.
- Input data into software simulations to finalize design and set specifications for facilities, equipment, instrumentation in alignment with quality standards. Debugged simulations of facilities using HYSYS, VMGSim and ProII software.
- Collaborated with diverse multi-disciplinary team of 4-10 people on each project to develop engineering documents.
- Mentored and delegated work to 1-2 junior engineers in house and overseas on each project.

July 2015 – Aug 2016

Calgary, AB
<https://www.snclavalin.com/en>

INTERMEDIATE PROCESS ENGINEER, P.ENG

SNC-Lavalin Inc., Oil and Gas / Calgary

Large engineering firm building international projects in oil and gas field, reporting to Process Lead on project to clear RFI's on construction project.

• Cleared all assigned RFI's in collaboration with other disciplines. Reported to Quality Manager, with team of 2 quality personnel to investigate quality concerns on 2 projects.

- Conducted root cause analysis, developed quality procedure and provided training to key employees to implement procedure to fix quality concerns.

Apr 2013 – Feb 2015

Calgary, AB
<https://www.cenovus.com/>

INTERMEDIATE PROCESS ENGINEER, P.ENG

Hocs Projects Secondment to Cenovus Energy / Calgary

Large Canadian energy company with facilities in Alberta and British Columbia, worked with process team of 3 reporting to the Process Lead for project to develop process design for new SAGD facility.

- Collaborated with operations and project staff to address project design concerns for new facility.
- Reviewed engineering documents from engineering firm to ensure they aligned with Cenovus standards.

EDUCATION

2021 DX BOOTCAMP – APPLIED MACHINE LEARNING, SAIT, Calgary AB, Certificate Awarded

Applied program in partnership with InceptionU and Braintoy. Technical Skills Acquired: Data Sources, Data Cleaning, Data Transformation, Data Selection, Data Management, Data Mining, Machine Learning Algorithms, Python for Data, mlos.

2020 FULL STACK SOFTWARE DEVELOPMENT, EDGE UP – BOW VALLEY COLLEGE, Calgary AB, Certificate Awarded

Chosen as part of EdgeUp (Energy to Digital Growth Upskilling Project) Program; a project led by Calgary Economic Development and partners to transition displaced energy workers to technology opportunities.

BACHELOR OF SCIENCE IN CHEMICAL ENGINEERING, UNIVERSITY OF CALGARY, Calgary AB, Degree Awarded

PROFESSIONAL DEVELOPMENT

2021 (In progress) Complete React Developer in 2021/ Andrei Neagoie/Yihua Zhang, Udemy, Online

2020 The Complete Web Developer in 2021: Zero to Mastery / Andrei Neagoie, Udemy, Online

2020 Learn and Understand NodeJS / Anthony Alicea, Udemy, Online