

## CAREER PROFILE

Over ten years of professional experience in engineering and management including positions of increasing responsibility in the energy sector with Suncor Energy. In addition, I worked for four years as a developer including internship and freelance a long time ago. Skilled in project management, problem solving, engineering, process development, system thinking, software development, calculating and analyzing data. Highly skilled in workflow management and development. I am mature and self-motivated professional with extensive experience and technical training in developing software and web application to meet evolving business needs. My experience has taught me how to "get the job done" in a team environment. I am sure that I can be an asset in most situations given my hands-on experience, my ability to work well with others and a relentless completion and follow up attitude.

## EXPERIENCES

### **Full Stack Developer/Learner** EvolveU, Calgary

2019 – Present

Enrolled as a Full Stack Learner. What I have been working and learning from the course is as follows:

- ♦ Solid understanding of Computer Science theory including data structures, database, software engineering and algorithms
- ♦ Understanding of practices in Responsive Design, DevOps, Test Driven Development, Software Development Lifecycle and Human Interfaces
- ♦ Excellence in adapting to new technologies and utilizing them
- ♦ Worked in Agile development environment using Scrum methodologies
- ♦ Skilled in prioritizing and managing multiple tasks simultaneously while mastering innovative software and tools
- ♦ Experienced with full stack web development to create Single Page Application utilizing HTML, CSS, JavaScript, React, Redux, Nodejs, Koa, Express, Python, RESTful APIs, PostgreSQL, MongoDB, Flask, and Django
- ♦ Ability to build mobile web application with a good understanding of React Native, Android Studio and Expo
- ♦ Participated in sessions of critical, creative, and system thinking skills
- ♦ Maintain understanding of current technologies or programming practices through continuous learning

### **Senior Project Engineer**

2013 – 2018

**SK Engineering & Construction, South Korea**  
**Suncor Fort Hills, Fort McMurray**

Accountable to project engineering management, engineering/construction project interface and regulatory compliance works for EPC project.

- ♦ Managed engineering deliverables, schedules and workflow
- ♦ Developed plans, and coordinated reviews of engineering works
- ♦ Worked with client, vendors and other disciplines to follow up project decisions, engineering issues and design deficiencies
- ♦ Provided project status, budgets, schedules, and plans
- ♦ Troubleshoot field related issues requiring engineering decisions and provide recommendation for the solutions
- ♦ Performed project interface and inter-discipline works



## **Michael Lee**

Full Stack Developer

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 403-818-1310

 Michael (Jinbong) Lee

 [ljb6685](https://github.com/ljb6685)

## **EDUCATION**

Full Stack Developer Program  
EvolveU  
2019

Bachelor of Engineering in  
Mechanical Engineering  
Chosun University  
1998 – 2005

Bachelor of Engineering in  
Computer Engineering  
Chosun University  
1998 - 2005

## **LANGUAGE**

English  
Korean (Native)

## **ASSOCIATIONS**

Registered as a Professional  
Engineer with APEGA  
(#216816)

## Mechanical Engineer / Project Engineer

2005 – 2013

Aprogen KIC, South Korea (Merged with Shinhan E&C, 2008)

Accountable to mechanical engineering, design and project management roles for oil and gas plant.

- ♦ Prepared and reviewed of mechanical design, engineering criteria, specifications, standards, and scope of work
- ♦ Performed project management roles including proposal, cost control, planning, risk analysis, and change management with client
- ♦ Monitored and supervised engineering disciplines to ensure the compliance with regulation changes and amendments.
- ♦ Managed engineering workflow and conducted design verifications

## Software Developer

2005 – 2008

Freelance

- ♦ Developed complex web based applications and e-commerce website
- ♦ Diagnosing, troubleshooting and resolving the issues with website, server and third-party integrations
- ♦ Created registration form and notice board of website using JSP or PHP
- ♦ Designed a database processor correspondent to maintain connection for specified JDBC driver

## Web Developer - Internship

2002 – 2003

Bonagirl, South Korea

- ♦ Developed storyboards and UI prototypes for shopping mall website
- ♦ Evaluated code for efficiency, debugging and quality assurance
- ♦ Analyzed trends in latest technologies and methodologies of web development and design

## PROJECTS

These are side full stack projects of web development as below.

**React blog** – Blog web application using React, NodeJS and MongoDB

**Mobile App** – Social contract mobile application using React Native

## SKILLS & PROFICIENCY

- |                      |                   |                       |
|----------------------|-------------------|-----------------------|
| • JavaScript         | • ReactJS         | • React Native        |
| • HTML5 / CSS3       | • NodeJS          | • Redux               |
| • Express / Koa      | • Flask           | • Django              |
| • MS-SQL             | • MySQL           | • PostgreSQL          |
| • MongoDB            | • Python          | • JAVA                |
| • JSP                | • PHP             | • XML                 |
| • C / MATLAB         | • GitHub          | • Visual Basic        |
| • Docker / D3        | • Atom / PyCharm  | • Android Studio      |
| • Visual Studio Code | • AutoCAD / CATIA | • MS-Office / Project |

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