

CAREER PROFILE

As a data analyst and BI developer, I have a recent half-year experience at a startup company. I also have years of data engineer and developer experience, including internships. In addition, over ten years of professional experience in engineering and management including positions of increasing responsibility in energy sector. Highly skilled in data analytics, data visualizations, data science, data engineering, database administration, multi cloud platforms, machine learning, programming, problem solving, project management, statistics, engineering and calculations. I am mature and self-motivated professional who meets evolving business needs through extensive experience and continuous learning in software development, database, data science and analytics. 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

Data Analyst – BI Developer Hubudub, Calgary

2019.11 – 2020.4

Enrolled as a Data Analyst for data visualization and Business Intelligence.

- ♦ Worked in .NET Framework environment with C#, ASP.NET MVC5, SQL server, Entity Framework and Azure cloud platform
- ♦ Creating and modifying database tables, views, stored procedures, and queries for data analytics.
- ♦ Importing data from SQL server and generating automated reports with data visualization tools (Power BI, SSRS)
- ♦ Developing visualization reports, dynamic dashboards, data relational modeling, editing queries and DAX coding in Microsoft Power BI.
- ♦ Predictive behavior analytics based on behavior patterns and factors of individual users and create forecasting report
- ♦ Working related research to implement machine learning algorithms

Full Stack Developer/Learner EvolveU, Calgary

2019.2 – 2019.10

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

- ♦ Solid understanding of Computer Science theory including software engineering, database, data structures and algorithms
- ♦ Understanding of practices in Responsive Design, DevOps, CI/CD, Test Driven Development (TDD), Software Development Lifecycle (SDLC)
- ♦ Experience in JS frameworks and libraries such as React, Angular
- ♦ Excellence in quickly adapting and utilizing new technologies
- ♦ Worked in Agile development environment using Scrum methodology
- ♦ Skilled in prioritizing and managing multiple tasks simultaneously while mastering innovative software and tools
- ♦ Full stack development experience building application and software using various frameworks and libraries based on Java, C# or JavaScript
- ♦ Solid understanding and experience of SQL and NoSQL
- ♦ Experience in version control system with GitHub



Michael Lee

Software Developer
Data Analyst

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EDUCATION

 Full Stack Developer Program
EvolveU
2019

 Bachelor of Computer System
Engineering
Chosun University, South Korea
1998~2005

 Bachelor of Mechanical
Engineering
Chosun University, South Korea
1998~2005

LANGUAGE

 English, Korean (Native)

Senior Project Engineer

2013 – 2018

Suncor Fort Hills, Calgary / SK Engineering & Construction, South Korea

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

- ♦ Managed engineering deliverable, schedule 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
- ♦ Performed project interface and inter-discipline works

Project Manager / Mechanical Engineer

2008 – 2013

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

Accountable to engineering 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

Software Developer

2005 – 2008

Bonagirl, South Korea

- ♦ Development of both front-end and back-end modules for complex web-based applications and e-commerce website
- ♦ Developed and maintained web applications utilizing HTML, CSS, PHP, MySQL, JS, jQuery, and various APIs to meet the client needs and goals
- ♦ Diagnosing, troubleshooting and resolving the issues with website, server and third-party integrations
- ♦ Provided SQL server database integrations/migrations and creating SQL scripts to update databases in production

Web Developer - Internship

2002 – 2003

Bonagirl, South Korea

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

PROJECTS

A list of projects and experiments as follows:

Data Analytics – Data Visualization of user behavioral patterns

React Blog – Full Stack application using React and NodeJS (Personal Project)

SKILLS & PROFICIENCY

Languages	Front-end	Back-end	Cloud/DevOps	Database/Analytics
• JavaScript	• React	• ASP.Net	• AWS	• SQL Server
• Python	• React Native	• Django	• Azure	• Oracle DB
• JAVA	• Redux	• Flask	• Docker	• MySQL
• C	• HTML5	• Node.JS	• Kubernetes	• PostgreSQL
• C#	• CSS3/SASS	• Express	• GitHub	• MongoDB
• Visual Basic	• Bootstrap	• Koa		• Power BI
• MATLAB				• Tableau
• PHP				• R

CERTIFICATES

- △ AWS Big Data (Data Analytics) - Specialty
- △ AWS Solution Architect – Associate
- △ AWS Developer – Associate
- △ Azure Solution Architect – Expert
- △ Azure DevOps – Expert
- △ Azure Data Scientist – Associate
- △ Azure Data Engineer – Associate
- △ Azure Database Administrator – Associate
- △ Azure AI Engineer – Associate
- △ Azure Administrator – Associate
- △ Azure Developer – Associate
- △ Azure Security Engineer – Associate
- △ Azure IoT Developer – Specialty
- △ Azure for SAP Workloads – Specialty
- △ Azure Fundamentals
- △ Data Analyst (Power BI) – Associate
- ⚙️ APEGA Professional Engineer (#216816)