CAREER PROFILE

As a data scientist and analyst, 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 Scientist / Analyst
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 reports, 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
Data Scientist
Data Engineer

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- ⓖ ljb6685

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

Mechanical Engineer / Project Manager 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

Data Engineer / 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 – Analysis and Visualization of user behavioral patterns
React Blog – Full Stack application using React and NodeJS (Personal Project)

🗂 SKILLS & PROFICIENCY

Languages	Frameworks	Database	IDEs/Tools	Cloud/Others
• Java	• ASP.NET	• MS-SQL	• Visual Studio	• AWS
• Python	• React	• Oracle DB	• IntelliJ IDEA	• Azure
• R	• Node.js	• PostgreSQL	• Android Studio	• GCP
• JavaScript	• Django	• MongoDB	• ATOM	• Docker
• C#	• Flask		• MS-Office	• GitHub
• C			• Power BI	• GitLab
• MATLAB				
• Visual Basic				
• PHP				