KyungCheol **Koh**

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TECHNICAL SKILLS

Programming	**Data Management**	**Infrastructure**	**Framework**
Python, Javascript	PostgreSQL, RedShift, Google Analytics, S3	Docker, Github Actions, AWS	React, Django, Airflow

PROFESSIONAL EXPERIENCE

Woodbury Solutions - *Toronto, ON*   Sept. 2023 - Present (8 mo)
Web Developer & Junior Data Engineer
- Migrated a 5-year-old service to a Django with React to improve scalability, automation, and maintainability
- Collaborated in the development of interactive client dashboards utilizing React, amchart.js, and chart.js
- Designed and implemented a CI/CD pipeline for AWS Lambda using GitHub Actions, enhancing deployment efficiency by 80%

PROJECTS | VOLUNTEERING

NwHack - *Vancouver, BC* | Website | Devpost   Jan. 20 - 21. 2023
Western Canada's largest 24-hour hackathon
- Built a pollution tracker web application with React, FastAPI, and ChatGPT, offering real-time pollution maps, air quality percentages, and personalized recommendations based on current environmental conditions

NwPlus HackCamp - *Vancouver, BC* | Website | Devpost   Nov. 18 - 19. 2023
Canada's largest beginner-friendly hackathon
- Developed a Chrome extension with javascript to make web browsing more accessible and comfortable for people dealing with visual impairments and dyslexia

Beam Data - *Toronto, ON*   Apr. - Aug. 2023 (5 mo)
Data Science Consultant Volunteer
- Execute advanced data migration processes from **Google Analytics** Reporting APIs to **PostgreSQL** and AWS **S3**, enhancing data availability and streamlining operations for actionable analytics and decision-making
- Implement rigorous data quality checks to affirm data integrity, including validation of data types and elimination of data duplication, ensuring precise and reliable data sets for strategic business intelligence

NYC Taxi Pipeline Project | Github **-** AWS (Lambda, EMR, Glue Athena, Apache Spark, Apache Superset)   2023
- Developed an event-driven architecture capable of performing ETL processes using AWS Lambda, Apache Spark, and Airflow, enhancing data processing efficiency and project scalability
- Implemented interactive dashboards using Apache Superset, leveraging Amazon Athena, resulting in intuitive visualizations of complex data sets that facilitated data-driven decision-making

ACADEMIC QUALIFICATIONS / TRAINING

Data Engineering Bootcamp   2023
WeCloudData

Bachelor of Science (BSc.) | Computing Science   Jan. 2023
Trinity Western University