

Moneer Al-Romimah

Full Stack Web Developer | Chemical Engineer

| [Email](#) | [LinkedIn](#) | [GitHub](#) | [Portfolio](#) | 587-500-0060 |

Qualifications

- **Data analysis & Machine learning:** PyTorch, TensorFlow, TransformersJS, Pandas, NumPy, Plotly
- **Databases:** PostgreSQL, MySQL, mariaDB, MongoDB, sqlLite.
- **Languages:** JavaScript, Typescript, Python, SQL, NoSQL, HTML, CSS/SCSS.
- **Frameworks:** Angular, Ionic, Next.js, React, React Native, Django REST.
- **Simulation:** CMG, GeoScout, Matlab.
- **Economical Analysis:** Aspen Plus, Aspen HYSYS
- **Other:** Microsoft Office Suite, Git, GitHub, Unix/Linux, NGRX Store, Redux, Bootstrap, Tailwind, MaterialUI.

Work History

Telus | Smarthome Security Tech

- Installed and serviced smart home security solutions.
- Tested smart home security systems to ensure full functionality.
- Educated customers on how to use the security system and the mobile app.

Regal Auctions | Industrial Sales Assistant

EDUCATION

University Of Calgary | Full stack web development diploma

Calgary, AB | **01/2023 – 06/2023**

University Of Calgary | Bachelor in Chemical Engineering

Calgary, AB | **09/2014 – 12/2020**

- Oil and Gas minor

PROJECTS

[React Native Recipes](#)

A performant mobile recipe app

- Front-end: Typescript, React, React Native, Expo, Redux Tool Kit,
- Back-end: Node js, Express Js, Bcrypt
- Database: Postgres (SQL), Sequelize (ORM)

[KitchenKeeper](#)

A full stack cross-platform AI recipe app revolutionizing recipe discovery

- Front-end: Typescript, Angular, Ionic, NGRX, HTML, SCSS
- Back-end: Node js, Express Js, Bcrypt, OpenAI SDK, Cloudinary SDK, Local LLM
- Database: MariaDB (SQL), Sequelize (ORM)

[Rentfaster Calgary Data Analysis](#)

A Data analysis and visualization on Calgary's Rent

- Collecting Data from rentfaster API
- Storing data in Pandas dataset
- Analyzing the data and Calculating average prices based on multiple factors
- Visualizing the data using interactive charts

AI To-do List

A Simple mobile app for organizing daily tasks

- User authentication
- PostgreSQL database Storing user credentials, user tasks and the AI embeddings
- TransformersJS pipeline to streamline the process of communicating with the AI model
- Edge functions to help generate vector embeddings for the AI to analyze and sort tasks best on similarity into specific categories

Tight Gas Development Strategy

A Comprehensive study on the Cadomin formation

- Structural geology and log interpretation
- History match of the reservoir
- Explicit drilling and completion program
- Production data simulations
- Economic assessment

AWARDS

Excellence Entry Scholarship

- University of Calgary

Ian Herring Undergraduate Award in Chemical & Petroleum Engineering

- University of Calgary

CO-CURRICULAR PROGRAMS

Tesla Club University of Calgary

- Our team built a fully functioning controllable robot that can perform multiple tasks in three days.

Kaleidoscope Program

- Spent a week fully immersed in some of the cultural and religious diversity Calgary has to offer. Learned about religious diversity, delved into case studies related to religion in the public sphere, and cultivated skills in interacting across lines of difference.