

Miko Bengo

Miko Bengo | Calgary, Alberta | 587-433-9237 | mbeng075@mtroyal.ca

GitHub: github.com/gitMikoQ | Portfolio: mikbengo.vercel.app/ | LinkedIn: www.linkedin.com/in/mikobengo

Summary

Recent Computer Science graduate with hands-on experience in frontend development, full-stack applications, and predictive data modeling. Passionate about continuous learning, crafting user-centric interfaces and deriving business insights from complex data. Looking to contribute to innovative teams in tech or finance while growing technical expertise in scalable systems and intelligent software.

Selected Projects & Technical Highlights

- **Paintings Browser Web App** | Node.js, React (Vite), TailwindCSS, Supabase | <https://elysiana.vercel.app/>
Developed a full-stack application using RESTful API design and responsive UI for browsing and managing paintings. Integrated Supabase for backend data storage and user authentication, resulting in optimized data fetching and user experience.
- **Student Grades Forecasting** | MySQL, Python (scikit-learn, Pandas, NumPy), Jupyter Notebook
Built a supervised predictive model (linear regression) to forecast student grades and effort hours from historical performance data. Engineered an automated ETL and data cleansing pipeline to prepare datasets for analysis, generating visual insights through dynamic charts and interpretable graphs.
- **Geospatial Creek Analysis** | ArcGIS Pro, Excel
Conducted morphological analysis of Radiant Creek and presented key findings to non-technical stakeholders using clear visualizations and summary reports.

Skills

Languages

Python, JavaScript, TypeScript, C, C++, Java, Haskell, Prolog, SQL, Assembly (ASM)

Web Development

- *Frontend*: React, Next.JS, Vite, TailwindCSS, HTML5, CSS
- *Backend*: Django, Node.js
- *Databases*: MongoDB, Supabase, PostgreSQL, MySQL, REST API integration

Data Science & Machine Learning: Scikit-learn, NumPy, Pandas, Jupyter Notebook

Version Control & Workflow: Git, GitHub, Agile Development, Scrum, CI/CD, Unit Testing, UML & ERD/EERD Modeling, OOP

UI/UX & Design: Figma, Adobe Photoshop, Responsive Design

Geospatial Tools: ArcGIS Pro

Tools & Platforms: Visual Studio Code, Linux Shell (Command Line & Bash Scripting), PowerShell, Microsoft Office Suite, SharePoint, Google Forms, Excel, Pytest, HUnit, GoogleTest, SaaS

Education

Bachelor of Science – Major in Computer Science

September 2021 - May 2025 (Expected)

Mount Royal University

Calgary, AB

- Dean's Honor Roll 2022

Relevant Experience

Lead Developer | Market Mentor (Capstone Project)

January 2025 - April 2025

- Led the design and development of stock forecasting app, Market Mentor, overseeing frontend implementation with React + Vite, and TailwindCSS, and backend design using Django and MongoDB.
- Directed UI/UX design and prototyping in Figma, ensuring a seamless user experience.
- Managed version control with Git and GitHub and led biweekly sprint planning, ensuring smooth collaboration and efficient project workflows.