Micheal Whitney

Edmonton, AB · mike.whitney1313@gmail.com · michealwhitney.github.io

EXPERIENCE

TOTAL LIFE   **Hybrid Position**
Full Stack Developer   **2025 - Present**
- Replacing existing infrastructure with a new full-stack data telehealth platform to serve >6000 users
- Built and integrated RESTful APIs using **GoLang** and **Gin**
- Designed and deployed frontend using **Vanilla JavaScript and CSS**
- Designed large portions of the **PostgreSQL** database, with an emphasis on securing sensitive user data
- Maintaining & replacing old infrastructure which uses a **Django** backend with a **React** frontend

VEST CAPITAL   **Remote Position**
Full Stack Developer   **2024 - Present**
- Built and integrated a full-stack data aggregation and analysis tool into a client's existing web platform
- Integrated **Anthropic's Claude API** for automated web scraping and user interaction
- Built and integrated RESTful APIs using **Node.js** and **Express**
- Designed and deployed frontend using **Vanilla JavaScript, HTML,** and **Bootstrap**
- Designed and managed **MySQL** database for data handling and storage
- Deployed project through **AWS**, leveraging **EC2** configured via a **Load Balancer**, **S3 Bucket**, and an **RDS**
- Collaborated with clients to gather requirements and deliver solutions

Selected Project Experience
- LineupWizard.gg (React, JS, MongoDB, HTML, CSS, Firebase)
  - Architected and built an interactive web application for exploring video game strategies using React, JavaScript, Node.js, and MongoDB
  - Optimized server-side logic and front-end code, significantly improving application performance and load times
  - Deployed and maintained the application through Firebase and Google Cloud Platform, managing hosting and CI pipelines

- Capstone Project: Mobile Organizer App (Android Studio, Java, Firebase)
  - Lead a team of six in the design and development of a mobile application used for organizing and hosting events, simulated an Agile work environment.
  - Integrated with the Google Cloud Platform to store user data
  - Developed and implemented unit tests to ensure code reliability and facilitate testing throughout the development cycle

EDUCATION

UNIVERSITY OF ALBERTA   **April 2025**
Bachelor of Science in Computing Science, Minor in Psychology
- Relevant Coursework: Natural Language Processing, Machine Learning, AI, Software Engineering, Reinforcement Learning, Algorithms, Data Science

SKILLS
- **Proficient Programming Languages:** Python, JavaScript, SQL, HTML, CSS
- **Familiar Programming Languages:** C#, React, Java
- **Frameworks & Libraries:** Claude API, React, Bootstrap, Node.js, Express.js, BeautifulSoup
- **Databases:** MySQL, MongoDB
- **Cloud & DevOps:** AWS, Google Cloud Platform, exposure to Azure
- **Software/Tools:** Postman, GitHub, Visual Studio Code

AWARDS
- Red Bull Athlete representing Canada (Red Bull Campus Clutch 2022)
- Highschool Valedictorian (2020)