GABRIEL JORAND, BSc.

(780) 708 - 2795 |gabrieljorand@gmail.com
| Github | LinkedIn | Edmonton, AB

PROFILE SUMMARY

Full-Stack Application Development: Built production-level applications and scalable web platforms using Elixir, React, Python, SQL, and related technologies, delivering reliable end-to-end user experiences and automating business workflows.

API Architecture and Systems Integration: Developed API endpoints, integrated external payment and inventory systems, and troubleshot complex issues across distributed environments, to improve system reliability and data consistency.

Data Engineering and Workflow Automation: Developed data ingestion and transformation scripts to clean, validate, categorize, and structure financial data for bookkeeping workflows. Applied data analysis, automation, and visualization techniques to support business intelligence, and peer reviewed research.

TECHNICAL COMPETENCIES

Languages: Python, Elixir, JavaScript, SQL, C#, Java, HTML/CSS, Bash
Frameworks & Libraries: React, Node.js/Express, Phoenix LiveView, Django, Flask, Pandas, Sed
Databases: PostgreSQL, Microsoft SQL Server, MongoDB, Redis, Elasticsearch
Tools & DevOps: Git, Docker, CI/CD (CircleCI, GitHub Actions), REST APIs (Postman, Swagger), AWS, Linux/Unix, Agile/Jira
AI-Assisted Development: Claude Code/Cowork/agentic delegation, GitHub Copilot

CAREER HISTORY

QuickBooks Data and Integration Developer | Accounting Loft | March 2026 - Present
Role: Developed custom data ingestion scripts and workflow automation solutions for bookkeeping operations, transforming financial data into clean, structured, and actionable outputs while improving internal reporting and review processes.

- Developed custom Python data ingestion and transformation scripts to clean financial spreadsheets, normalize monetary values and dates, categorize transactions, and generate formatted Excel workbooks.
- Automated client-specific data processing tasks, including filtering and separating financial records by transaction type, reducing repetitive manual spreadsheet work and improving data consistency.
- Built reusable data-cleaning and validation logic to handle inconsistent input formats, preserve source data when values cannot be parsed, and prepare records for downstream bookkeeping processes.
- Contributed to the development of a QuickBooks Online dashboard enhancement to restore visibility into month-end bookkeeping review progress across client accounts.
- Designed a progress-tracking workflow that aggregates completion status across three Books Review tabs within each client file, enabling dashboard level indicators for convenient monitoring.

Junior Full-Stack Developer | Hifyre, Toronto, Ontario | December 2025 - May 2026
Role: Contributed to the development and reliability of a production-scale retail platform supporting cannabis sales, inventory, payments and clientele across more than 10 enterprise banners.

- Built and maintained full-stack features using Elixir, Ecto, Phoenix LiveView, JavaScript, HTML/CSS, Elasticsearch, PostgreSQL and Redis, delivering scalable and responsive platform functionality.
- Designed and deployed API endpoints and integrated Cova and Greenline systems, enabling reliable payment processing and inventory synchronization.
- Enhanced cart management, customer lookup processes and retail menu interfaces, improving transaction speed, usability and data presentation.
- Implemented database schema changes, entity migrations, maintaining stability across shared production systems.
- Diagnosed production issues through stack tracing and resolved edge cases across distributed services and shared modules, strengthening platform performance and reliability.
- Developed and validated end-to-end feature workflows with comprehensive edge case testing, improving maintainability and production readiness.
- Supported Looker analytics workflows and data-driven product features, strengthening access to business insights.
- Managed code within Docker-based CI/CD pipelines using CircleCI and industry-standard Git workflows, supporting consistent and reliable software delivery.

Research Assistant | MacEwan Accounting Department, Edmonton, Alberta | April 2024 - January 2025
Role: Supported peer-reviewed academic research by transforming qualitative survey data into structured datasets, statistical analyses and accessible visual communications.

- Applied Python, Pandas, SciPy, Seaborn and related frameworks to clean and structure raw survey responses, enabling quantitative analysis and insight discovery.
- Conducted statistical tests and developed clear data visualizations, contributing evidence-based findings to peer-reviewed research.
- Created infographics and analytical materials that communicated complex findings effectively to academic and non-technical audiences.

Digital Marketing Consultant | ReachFirst, Edmonton, Alberta | Summer 2022

- Provided data-informed SEO optimization for small business clients using Ahrefs and SEMrush.
- Communicated on-page, off-page, and technical SEO concepts and product value to clients and stakeholders.

Sales Specialist | Rogers, Edmonton, Alberta | October 2018 - March 2020

- Exceeded sales targets by resolving customer concerns, overcoming objections and delivering data-informed product recommendations, increasing sales performance and customer satisfaction.
- Diagnosed and resolved device and network issues while explaining technical information clearly, improving service experiences for non-technical customers.
- Managed cash handling, inventory tracking and opening and closing procedures, ensuring efficient daily operations.

RELATED PROJECTS

Automated Trading AI | Python, PyTorch, Django, PostgreSQL, Javascript, HTML/CSS, React, TALib, Tailwind | 2024 - 2025

- Built and maintained a custom data pipeline ingesting real-time Bitcoin price feeds from Kraken and Binance APIs.
- Managed historical and live market data transformation for model training and maximizing trading revenue.
- Designed an end-to-end dashboard for live performance tracking, decision output, data visualization, and insights.

ChenEats Restaurant App | Javascript, React, MongoDB, Node.JS, Express, Vite, Bootstrap, Tailwind | 2024

- Fully fleshed out ordering system, pickup scheduling, employee/customer side verification, and two-sided order confirmation processing.
- Wrote custom indexing and querying scripts for efficient database lookups.
- Created monthly and yearly business intelligence features using MongoDB aggregation pipelines.
- Integrated session auth and built reusable components for scalability.
- Designed API endpoints, data flows including standard CRUD operations, user permissions, and analytics views.

Interactive Fruit Tree Map App | Java, JavaFX, Maven, Gradle | 2022

- Developed an interactive desktop application with a fully visualized interface, enabling users to explore fruit trees throughout the Edmonton area.
- Parsed and cleaned geospatial and descriptive tree data and created custom UI drawing algorithms, accurately mapping trees by longitude and latitude.
- Built filtering and visualization components for neighbourhood, tree type and tree density, improving the usability of search results.
- Integrated custom API data ingestion and graphing and charting libraries, enabling fast data lookups and clear presentation of detailed information.

PERSONAL DEVELOPMENT AND INTERESTS

Professional Development: Introductory Financial Accounting, NAIT | In Progress
Homelab & Networking: Working on Raspberry Pi projects, including Pi-hole, home VPN hosting, and retro gaming emulation.
Financial Markets & Analysis: Exploring market patterns, technical analysis, and trading strategies to develop analytical skills and inform personal investment decisions.
Sports & Recreation: Snowboarding in the Rocky Mountains, playing pickleball, windsurfing while visiting family, playing board and card games like Stratego, Scrabble, Phase 10 and many more.
Music & Creative Projects: Playing guitar, recording, and producing original music in Ableton Live.

EDUCATION

Bachelor of Science in Computer Science, Minor in Marketing | MacEwan University | 2025

Letter of recommendation from Software Engineering Manager, Hifyre, available on request.