

Alexander Leakos

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SUMMARY

Software Developer with 2+ years of experience leading the design, development, and deployment of full stack eCommerce solutions. Focused on working with teams solving complex problems for high performance, user-focused platforms that unlock efficiency and productivity for customers at scale.

SKILLS

- **Engineering:** Product Roadmap, Frontend & UI/UX, Backend & Infrastructure, Cloud Architecture, API Development & Integration, RESTful Web Services, Microservices, Software Design & Coding, Testing & Code Coverage, Software Quality, Scalability, Performance, Reliability, Automation, Code Reviews, Documentation
- **Leadership:** Strategic Planning & Execution, Project Management, Prioritization, Process Improvement, Cross-functional Collaboration, Staff Hiring & Management, Training & Development, Coaching & Mentorship, Interdepartmental Alignment, Change Management, Business Development, Financial Modeling & Analysis, Budgeting & Resource Allocation, Reporting
- **Software:** Python, PySpark, Java, Javascript, React, Databricks, C/C++, SQL, Graph QL, Excel/VBA, RDBMS (Postgres/MySQL)

EDUCATION & CERTIFICATIONS

- Master of Science in Software Engineering, University of Calgary **Expected 2022**
- Bachelor of Science in Mechanical Engineering, University of Calgary

RELEVANT EXPERIENCE

Co-Founder/Software Developer/Operations & Finance Manager, Bessie Box

2019 - 2021

- Grew a local grocery eCommerce brand from \$0 to \$750K in annualized revenue with a 4-person team.
- Sourced products from 12 local farms and producers and coordinated shipping, receiving, and distribution for 3K customers.
- Automated SMS communications for subscription delivery scheduling, follow-up feedback, and marketing with historical data using Slack, Twilio, and Shopify APIs to optimize courier routing, enable order/delivery batching, & streamline delivery.
- Managed a Digital Ocean server, using Nginx and Unicorn for load balancing, and built a PostgreSQL database to implement new eCommerce applications from the ground up, serving hundreds of concurrent users.
- Designed and created frontends and dashboards for internal apps using Retool, a low code tool that allows non-technical users and marketing teams to interact with customers and product data and utilize the functionality of internal APIs.
- Maintained 30%+ gross margins by analyzing and negotiating the cost of products, couriers, packaging, and labor.
- Integrated internal apps with 4 other Shopify store owners to streamline inventory management and communications.
- Updated the inventory database automatically to maintain accurate inventory levels using Shopify webhooks and implemented complex backend logic for product bundles not available in Shopify natively.

Analyst, Roynat Equity Partners

2017 - 2019

- Analyzed financial statements and prepared financial models of prospective and current investments for a team deploying \$300MM in capital across a wide array of industries resulting in 6 investments and 8 divestments.
- Created investment presentations to internally market deals, present business cases for investments, and secure funding.
- Evaluated existing portfolios against industry standards using financial modeling to measure and guide current performance and preemptively identify the need for potential exit strategies.

Research Associate, Avrio Capital

2016 - 2017

- Conducted due diligence for a VC firm with a \$200MM fund. Produced research, reports, and models for the fund to evaluate assets within emerging and existing agricultural markets, leading to acquisitions and divestments.

Operations Engineering Intern, Paramount Resources Ltd.

2014 - 2015

- Coordinated work-overs for 100+ oil wells to ensure on-time repairs and optimize performance.
- Performed an economic evaluation of a 30 well field to determine site viability based on current & forecasted market prices.
- Developed a database for 300+ wells to ensure compliance with new AER guidelines for suspended and abandoned wells.
- Analyzed wellbores and identified a necessary tubing change that reduced shut-in time by 25% and increased profitability.