KATIA PANEQUE MARTINEZ

⚲ VICTORIA, BC • JUNIOR SOFTWARE DEVELOPER
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OBJECTIVE

Junior software developer with experience building and supporting production systems using React, TypeScript, Node.js, GraphQL, Go, and AWS. Contributed to UI components, backend services, email rendering pipelines, and internal developer tooling at Dyspatch. Brings a strong background in regulated operational environments, system validation, and clear documentation, with the ability to work effectively across engineering, operations, and stakeholders.

SKILLS & ABILITIES

Programming Languages: Go, JavaScript, TypeScript, Python, SQL, C++, Java.

Frontend Technologies: React, TypeScript, MUI, RJSF (JSON Schema Forms).

Systems and Platforms: Linux development environments, Windows Server, Bash, SSH.

Backend and Web Technologies: Node.js, Express, GraphQL (Apollo), REST APIs, gRPC.

Cloud and DevOps: AWS (Lambda, API Gateway, S3, DynamoDB, Cognito), Docker, GitHub Actions, CI/CD pipelines.

Testing and Quality: Automated testing using Vitest, Jest, Supertest, MSW. Root-cause analysis and reliability improvements.

Databases: Oracle (PL/SQL), SQL Server, MongoDB.

Systems & Collaboration: Linux, Windows Server, Bash, SSH • Monorepo workflows • Documentation • Task tracking using Asana.

EXPERIENCE

Junior Software Developer
Dyspatch | Victoria, BC | Sept 2025 – Dec 2025

- Contributed production UI and backend features across the email builder ecosystem, DML rendering engine, and internal developer tooling within a large-scale monorepo.
- Delivered UI enhancements using React, TypeScript, MUI, and schema-driven patterns; updated backend logic across services using Node.js, Go, GraphQL, and gRPC.
- Designed and implemented a Pill DML abstraction with Outlook-safe fallbacks, theme support, and editor integration to address cross-client email rendering constraints.
- Improved rendering and export reliability by working on exporters, validators, AST-based processing modules, and CSS inlining workflows.
- Built and maintained documentation pipelines, including markdown generation, autocomplete metadata, bot-specific routing, and Nginx user-agent detection.
- Strengthened test coverage and regression confidence using Vitest, MSW, and Supertest; coordinated work using Asana.

Capstone Developer – Admin Dashboard for Dyspatch
Camosun College | Victoria, BC | May 2025 – August 2025

Built features for an internal admin dashboard using React, Node.js, and GraphQL.

- Developed UI pages, tables, filters, and modals using React and MUI.
- Implemented backend resolver logic and integrated GraphQL APIs.
- Contributed to CI/CD improvements and automated testing.
- Authored user and technical documentation.

Contractor (part -time)
Island Farms – Agropur | Victoria, BC | July 2024 – August 2024

- Provided advanced supervisor training on the planning and resource management tools I developed during my tenure.
- Created supporting documentation and assisted users in understanding system behavior and workflows.

Operations Performance Management Supervisor
Island Farms – Agropur | Victoria, BC | Jan 2022 – Jun 2023

- Supported transition from Oracle ERP to SAP with data validation and operational continuity.
- Designed, built, and maintained a custom planning and forecasting tool using Excel (VBA), integrating operational data and Power BI insights.
- Improved forecasting accuracy by up to 90 percent through tooling and process improvements.
- Worked closely with production, planning, finance, and IT stakeholders to resolve system and process issues.

Production Office Clerk
Island Farms – Agropur | Victoria, BC | Feb 2020 – Jan 2022

- Maintained ERP logistics data and produced management reporting.
- Supported production systems and resolved day-to-day operational issues.

Microbiology Department Supervisor
MB Laboratories | Sidney, BC | Jul 2009 – Nov 2019

- Managed QA documentation, environmental testing workflows, and audit readiness in a regulated laboratory environment.
- Supported LIMS usage, data accuracy, and compliance requirements.

Research Assistant
Centre of Marine Bioproducts |Havana, Cuba |Sept 2005 – May 2009

Conducted environmental research, performed lab analyses, and contributed to peer-reviewed publications.

EDUCATION

Sept 2023 – Aug 2025	**Diploma in Information and Computer Systems Technology** *Camosun College, Victoria, BC - 2025*
Sept 2000 – Jul 2005	**Bachelor of Science with Honors in Microbiology** *University of Havana, Cuba – 2005*

CERTIFICATIONS

- Foundations of Cybersecurity — Google (2025)
- Tools of the Trade: Linux and SQL — Google (2026)
- Play It Safe: Manage Security Risks — Google (2026)
- Connect and Protect: Networks and Network Security — Google (2026)

SOFT SKILLS

Communication • Teamwork • Troubleshooting • Strategic Thinking • Agile Collaboration

INTERESTS

Cloud infrastructure • Data & analytics • Internal developer tools • AI-assisted engineering • Secure, reliable systems.