

Jeff MacDonald

778-223-3908 | jmacdonald404@gmail.com | Vancouver, BC | [linkedin](#) | [github](#) | [portfolio](#)

Full-stack Software Developer highly proficient in Rails, Node, and React. Experienced in building responsive production applications.

- 2+ years of startup experience in lead technical roles
- Web Development certification from CodeCore bootcamp
- Solid foundation in modern development, backed by 10+ years of personal practice
- Proven track record of delivering quality work under tight deadlines

Technical Skills

Languages: JavaScript (ES15+), HTML5, CSS3, Ruby, Python, PHP, SQL

Frameworks & Libraries: Rails, React/Native, Node/Express, TypeScript, jQuery

Databases: PostgreSQL, MySQL, NoSQL

Tools & Technologies: Firebase, Git, Docker, Heroku, AWS, Claude Code, CursorAI

APIs & Integrations: Stripe, Google APIs, Twilio, OpenAI

Concepts: OOP, MVC, REST, CRUD, TDD, AJAX, Accessibility, UX/UI, CI/CD

Web Development Experience

LEAD SOFTWARE DEVELOPER, CTO | Zest Labs | Sept 2019 - Jun 2020

- Developed features for a food delivery app using Rails, PostgreSQL, and JavaScript
- Independently managed full development lifecycle from wireframe to delivery
- Collaborated with PM and designer to create pixel-perfect UI from mockups
- Integrated multiple APIs (Stripe, Google, Twilio) for payment processing and communications
- Built automated SMS communication system with drivers and email notifications
- Created controller logic for customer orders and Cron tasks for time-sensitive operations
- Customized ActiveAdmin interface for administrative needs

LEAD DEVELOPER, FOUNDER | Noctiflow Technologies | Jul 2017 - Aug 2018

- Executed technical projects for small business clients across multiple technology stacks
- Automated AWS provisioning with Python and Docker containerization
- Deployed live sites using WordPress (PHP) and Ruby on Rails
- Handled DevOps including security, maintenance, DNS, and hosting management
- Launched CRM system for client management
- Optimized deployment costs and processes using Serverpilot

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Education

CERTIFICATE: WEB DEVELOPMENT | Codecore Bootcamp | Oct 2016 - Jul 2017

- Full-stack web development program focusing on Ruby on Rails and Node/Express
- **Technologies:** React, MySQL, PostgreSQL, Git, Heroku, Bootstrap, jQuery, Scss, Firebase
- **Concepts:** Object-Oriented Programming, MVC, RESTful design, Test-Driven Development
- **Libraries:** Rspec, ActiveRecord, npm/rvm, pixi.js, d3.js

CERTIFICATE: FORMING AND FRAMING FOUNDATION | British Columbia Institute of Technology | 2009 - 2010

HIGH SCHOOL DIPLOMA | Riverside Secondary School | 2006 - 2009

- Cisco Networking
- Python
- Java
- Visual Basic

Additional Experience

PRESS OPERATOR | True North Screenprinting, Coastal Reign Printing | Dec 2018 - Sept 2024

SIDING INSTALLER | Columbia Restorations, Lonestar Exteriors | Oct 2011 - Feb 2017