Jeff MacDonald

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Summary

Full-stack web developer with expertise in Rails, Node.js, React, and hands-on experience building responsive web applications. Coding bootcamp graduate with a strong foundation in modern development practices and a proven track record of delivering quality work under tight deadlines from 5+ years in construction and manufacturing.

Technical Skills

Languages: Ruby, JavaScript (ES5+), HTML5, CSS3, Scss, PHP, SQL, Python
Frameworks & Libraries: Ruby on Rails, React, Node.js/Express, Bootstrap, jQuery
Databases: PostgreSQL, MySQL
Tools & Technologies: Git CLI, ActiveRecord, npm/rvm, Heroku, AWS
APIs & Integrations: Stripe, Google APIs, Twilio, RESTful services
Concepts: OOP, MVC, REST, CRUD, TDD, AJAX, responsive design

Relevant Experience

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

• Developed features for a food delivery app using Rails, PostgreSQL, and Bootstrap
• Independently managed full development lifecycle from wireframe to delivery
• Collaborated with PM and designer to meet specifications and replicated designs using Scss
• 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 WEB DEVELOPER, FOUNDER | Noctiflow Technologies | Jul 2017 - Aug 2018

• Executed technical projects for small business clients across multiple technology stacks
• 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

Additional Experience

PRINTING PRESS OPERATOR | Coastal Reign Printing | Sept 2022 - Sept 2024

• Independently operated multiple automatic screenprinting presses with focus on quality control
• Created custom ink formulas to match exact customer specifications
• Coordinated with management on supply chain and equipment maintenance

PRESS OPERATOR | True North Screenprinting | Dec 2018 - Sept 2022

• Operated M+R Challenger III 12-head automatic press with minimal supervision
• Utilized image editing software to adjust graphics as needed for production requirements

SIDING INSTALLER | Lonestar Exteriors | Nov 2013 - Feb 2017

• Managed exterior building material installation for residential and commercial projects
• Followed BC Building Code specifications and safety protocols on multi-story construction
• Operated heavy equipment (man-lifts, forklifts) and performed field repairs when necessary
• Collaborated effectively in team environment while meeting strict project deadlines

SKILLED LABOURER | Columbia Restorations | Oct 2011 - Aug 2013

• Assisted in building structure installation and repair including framing and building envelope
• Maintained organized worksite, followed safety protocols in high-risk construction environment

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 CLI, Heroku, Bootstrap, jQuery, Scss
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

• Residential construction fundamentals including blueprint literacy, safety management, and building codes

HIGH SCHOOL DIPLOMA | Riverside Secondary School | 2006 - 2009