C A R L O   V I L L A C E R A N

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FULL-STACK WEB DEVELOPER

PROFILE	Excellent troubleshooting skills with the ability to analyze code to produce the most cost-effective solutions. Self-starter and problem solver with a strong knowledge of modular and object-oriented design.

TECHNICAL
SKILLS

Languages & Technologies: Ruby, Node.js, HTML, CSS, JavaScript, C++, Java, Swift, C#
Libraries: Ruby on Rails, Express.js, React.js, Webpack, Mocha, Puppeteer, Socket.IO
Relational Database Management Systems: PostgreSQL, MySQL, MongoDB, Redis
Concepts: MVC design patterns, Object-Oriented Programming
Version Control & Services: Git, GitHub/Bitbucket, Heroku, mLab, AWS, FIrebase

EXPERIENCE

Front End Developer   2017 - PRESENT
Roomia Realty Inc, Richmond, BC
- Develop and enhance user profile, management tools, accounting, reports, and forms using Ruby on Rails, React, Redux, Material UI and AWS.
- Work with development and design team on project planning and implementation.
- Build reusable code, manage internal and external APIs, and research third-party libraries to optimize application for maximum speed and scalability.

Helpdesk Analyst   2013 - 2017
Fasken Martineau DuMoulin LLP, Vancouver, BC.
- Support Microsoft Applications and Document Management System.
- Administrate extranet and FTP services for staff and clients.
- Document knowledge base articles and how-to guides using SharePoint.

EDUCATION

Full Stack Web Development   2017
CodeCore Developer Bootcamp, Canada

Associate Certificate – Applied Software Development (Part-time)   2014 – 2017
British Columbia Institute of Technology, Canada

Udemy Certificates   2019
The Complete Node.js Developer Course
Node.js: Advanced Concepts

PROJECT
ACHIEVEMENTS

Delta Kids (https://www.deltakids.ca)
Team project at CodeCore to build a web portal for child events and programs in the Delta community. My responsibilities included relational database modeling as well as front-end design. Built using Ruby on Rails, jQuery and Bootstrap.
Source code: https://github.com/delta-kids/delta_kids_project

Japanese Practice Tool
An iOS app designed to make learning Japanese fun and interactive through a matching game, drawing tool and a reading exercise. The app is built using Xcode and Swift.
Source code and screenshots: https://github.com/villacerc/japanese_practice_tool