CARLO VILLACERAN

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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: Node.js, Ruby, JavaScript, HTML, CSS, C++, Java, Swift, C#
Libraries: Express.js, React.js, Ruby on Rails, 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 Web and iOS Developer   2017 - PRESENT
Roomia Realty Inc, Richmond, BC
- Build user profile, management tools, accounting, reports, and forms using Ruby, React, Redux, Material UI and AWS.
- Migrate form handling to redux-form allowing for complex form creations, better state management and better overall user experience.
- Reduce average page load time by lazy loading React components and configuring webpack to bundle split code.
- Re-develop companion app for iOS and handle database locally using Swift and Realm.
- Coordinate with back-end developer, project manager and design team to meet client specific needs.

PROJECT ACHIEVEMENTS

Pick and Roll   pickandroll.life | github.com/villacerc/heatcheck
An app that makes finding and creating basketball pickup games easy and interactive. It allows you to search within any city and includes a map with nodes to represent local parks and venues. Built using Node, React, Postgres and Sequelize.

Foodsight   foodsight.herokuapp.com | github.com/villacerc/foodsight
Web platform that seeks to educate consumers about those hard to pronounce chemicals found in food labels. It includes a discussion board, OmniAuth, and social media sharing. Built using Ruby On Rails, React, AJAX, Bootstrap and jQuery.

Delta Kids   deltakids.ca | github.com/delta-kids/delta_kids_project
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.

EDUCATION

Full Stack Web Development   2017
CodeCore Developer Bootcamp, Canada

Associate Certificate – Applied Software Development   2014 – 2017
British Columbia Institute of Technology, Canada