Patrick Simonian

Full Stack Web Developer

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SKILLS

- Front End Web Development
- Back End Web Development
- DevOps and Server Management
- UX and UI Design
- Client Success & Support
- Database Modeling and Implementation
- REST API Development and Integration
- Mobile First/ Responsive Development & Design
- Agile Project Development
- New Feature Development and Integration
- Legacy Code Support and Integration
- Modern Application Development Tools
- Atlassian Jira
- Design Mockups
- Github
- ReactJS
- ExpressJS
- SASS

EXPERIENCE

Blue Panda Solutions, Victoria BC- *Lead Full Stack Developer*
DEC 2016 - PRESENT

- Lead Developer for https://www.repairshop.io (RepairShop) which is an Auto Body Content Management System used for end-to-end small business management
- The Technologies used include:
    - Microsoft SQL Server
    - Adobe Coldfusion
    - Adobe Reader
    - Adobe Designer
    - Javascript
    - CSS3
    - HTML5
    - NodeJS
    - Java
    - Front End Open Source Libraries

- Designed and Implemented the main interfaces for nearly all RepairShop's Digital Assets using UX and UI best practices (using mobile first/responsive design as needed)
- Create New Features using agile methodologies such as releasing functionality in iterations; quick client/application feedback loops and prompt release schedules
- Maintain Existing Codebase and release patch updates to iteratively improve RepairShop's Digital Assets
- Developed the majority of RepairShop's Digital Assets with the scope of work ranging from the Full Stack Development Environment as well as Databases and Server Management (DevOps)
- Implemented the current Email Marketing Template Design Standards which are currently in use at this time for App-Client Correspondence
- Integrate purpose built REST api for the application such as an HTML to PDF conversion tool and an Image Compression Tool
- Plan/Execute database changes and migration which could include:
  - Entity Relationship Diagram Design
  - UML implementation
  - Data Modeling and Flow Charting
  - Database Functions and View Table Creations
  - Table Creation, Modification, and Removal
- Work with Business Experts for Product Development, Marketing and Business Area Analysis
- Use best practices for Code Deployment within the current environment including continuous integration and delivery
- Support Client/Customer service delivery which includes
  - Contacting clients for technical support
  - Maintaining quality relationships by implementing a personalized customer success program
  - Empathetic feature development
- Improved RepairShop's Security mechanism by introducing SQL Injection Protection, Authentication, as well as Cross Site Scripting Protection.

Lighthouse Labs, Victoria BC- *Instructor/Mentor*
FEB 2017 - PRESENT
- Lead Instructor for the Part Time Intro to Web Development & Front End Fundamentals Courses. The collective curriculum for both includes
  - Understanding HTTP as well as REST api development
  - Javascript Frontend Development using JQuery
  - Backend Data Modeling and Querying
  - Session Management and Cookies
  - Ruby & Sinatra Development
  - Node.js Development

- Production Server Deployment (Heroku)
- CSS3 basic and advanced skills
- Semantic HTML5
- Web Security Best Practices (Cross-Site Request Forgery, Cross Site Scripting, Injection, Authentication and Authorization)
- Mentor for the Web Development Bootcamp. The curriculum is heavily focused on practical skills as well as theory and is as follows:
    - Front End Web Development
    - ReactJS
    - JQuery
    - AJAX
    - JSON
    - REST api development
    - Database modeling and development
    - Postgres SQL & MongoDB
    - Front End Design UX and UI
    - Back End Design and Implementation
    - Testing & Continuous Integration
    - Ruby on Rails
    - Deployment Practice

Central Mountain Air ltd., Smithers BC- *Apprentice Aircraft Maintenance Engineer*
DEC 2015 - APR 2016

- Responsible for the maintenance and servicing of a fleet of Beechcraft 1900D twin turboprop aircraft.
- Maintained and Troubleshooted electrical software and hardware which could include:
    - Rewiring electronics
    - Soldering electronics
    - Weatherproofing
    - Conducting software updates

EDUCATION

Lighthouse Labs, Victoria BC- *Diploma in Web Development*
OCT 2016 - DEC 2017
Procure skills, knowledge and practice in the following:

- Modern Full Stack Web Development Best Practices
- Resourcefulness
- Several Modern Web Development Technologies

- ReactJS
- ExpressJS
- KnexJS
- JQuery
- NodeJS
- PostGres SQL
- SQLite
- Sinatra
- Ruby On Rails
- MongoDB
- Mongoose
- SocketIO
- SQL & noSQL Databases
- Rest API development and Integration
- Testing Best Practices and Deployment (Continuous Integration)
- Front End Design using UX/UI Best Practices

BCIT, Richmond BC- *Diploma in Technology*

APR 2014 - AUG 2015

Gained knowledge and Practice in the following areas of Aircraft Maintenance:

- Aircraft Structures and Fabrication
- Electronic Maintenance and Troubleshooting (software & hardware)
- Aircraft Engine Maintenance (Gas Turbine and Reciprocating)
- Power Tools and Machinery Operation
- Critical Thinking and Organizational Skills

AWARDS

BCIT Graduate of Distinction for Diploma of Technology

VOLUNTEERING

Intro to HTML & CSS Workshop, Victoria BC- *Lead Instructor*

OCT 2017

This workshop was put up by Lighthouse Labs as an initiative to showcase the vibrant tech community in Victoria. I had the pleasure of creating the entire curriculum for this workshop which had our guests build their own personal portfolio website start to finish in just three hours.

Intro to Javascript Workshop, Victoria BC- *Lead Instructor*

AUG 2017

This workshop was put up by Lighthouse Labs as an initiative to showcase the vibrant tech community in Victoria. I led a three hour workshop focused entirely on Javascript and the Node.JS server environment.

Intro to Frontend Development Workshop, Victoria BC - *Lead Instructor*

JULY 2017

This workshop was put up by Lighthouse Labs as an initiative to showcase the vibrant tech community in Victoria. I led a three hour workshop on how to get started with development using basic HTML, CSS and Javascript.