Vela Farquharson

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Minneapolis, MN

Software Developer

GitHub
LinkedIn
Portfolio

Summary

I am a full stack developer candidate skilled in writing clean, testable code. My objective is to work in a collaborative teamwork environment and to interact with fellow team members in an inspirational and productive manner. I strive to be articulate and innovative through my code, and am eager to learn from others and to take that innovation to another level. I am proficient in mobile-first responsive design and test-driven development. I have experience with modern tooling and agile workflows and am excited to pick up the right tools for the job.

Technical Experience

- HTML5
- CSS/Less.js
- JavaScript ES6
- jQuery
- React/Redux
- Node.js/Express
- NPM
- REST APIs
- CRUD
- Git
- MongoDB
- Test Driven Development
- Mocha/Chai
- Jest
- Enzyme
- Jira
- Jenkins
- Webpack
- Babel
- E-commerce web development
- Agile development
- Web design
- Project management
- Written & verbal communication

Recent Projects

Practica: A full stack online practice scheduler dedicated to helping musicians keep track of their current projects, practice sessions, and notes. Built with React, Node, Express and Mongo.

Note Book: A full stack online personal journal made for a student musician to chronicle their practice sessions, lessons, master classes, performances, and any other notes. The journal's aim is to assist the musician to remember useful experiences so that they can refer to them later. Built with JavaScript, Node, Express, MongoDB.

Key Ingredient: Key Ingredient generates different recipes based on a specific ingredient that the user searches. Built with HTML, CSS, and JavaScript. Uses the Yummly API.

Montine Lab: Static website for Stanford University's department of pathology lab. Responsible for the design, implementation and upkeep of the website. Built with HTML5, CSS, and JavaScript, pushed onto GitHub with development and master branches.

Experience

BEST BUY   Richfield, MN
Contract Software Engineer   February 2019 - August 2019
- Part of the team that manages bestbuy.com.mx, Best Buy's e-commerce platform for Mexico.
- One of three Node.js developers on the team.
- Work closely with Java and PHP developers, transforming the commerce platform from using PHP to using Java and Node.js.
- Implement the new checkout experience using React/Redux on the client side and Node.js on the server side.
- Work closely with the UX designer.
- Experience collaborating with the remote team in Mexico City.
- Understand the complex architecture of the application to make informed decisions that directly affect the future of the brand.
- Participate in daily stand ups, sprint planning, and retrospectives to gain a clear perspective of the development process.

THINKFUL   Minneapolis, MN
Coding Workshop Instructor and Teaching Assistant   August 2018 - June 2019
- Lead and instruct technical workshops teaching the basics of web development with HTML, CSS, JavaScript & jQuery.
- Assist other instructors in technical workshops.

- Lead and assist in giving industry overview talks to help attendees make sense of potential career options in the web development field.
- Guide and mentor attendees throughout the duration of workshops until they have a full grasp of the topics covered.

STANFORD UNIVERSITY   Minneapolis, MN
Web Developer   October 2018 - November 2018
- Provide contract work for the design and production of Stanford University's Department of Pathology Montine Lab.
- Maintain and update website.
- HTML5, CSS, JavaScript, jQuery.

THINKFUL   February 2018 - October 2018
Full Stack Flex Bootcamp
- Immersed myself in a web development bootcamp, gaining skills to learn new languages and skills independently and rapidly.
- Learned industry best practices and practical software development standards with a focus on HTML5, CSS3, JavaScript ES6, jQuery, Node.js, React, Redux, responsive web development, and algorithms & data structures.
- Worked with a team to practice implementing web pages from media templates created in Sketch.
- Created and deployed mobile-first applications while learning new languages and frameworks by collaborating several hours every week with a senior web developer.

CARRIAGE HOUSE VIOLINS   Newton, MA
Administrative Assistant   August 2017 - April 2018
- Open shop, answer calls, greet clients, initiate and close client transactions and day to day administrative tasks.
- Schedule appointments for instrument repairs and instrument purchases for clients.
- Inspect new instrument shipments.
- Monitor and keep up state of instruments on display.
- Supervised evening events, closing and locking shop and ensuring security of multi-million dollar stock.

SELF-EMPLOYED
Cellist   January 2004 - January 2018
- Take on freelancing gigs involving high level performance skills.
- Private teaching beginner to advanced cellists of all ages.
- Collaborations with musicians requiring teamwork, patience and hours of practicing alone and together, with the necessity to learn quickly.

DRAGANA JEVTOVIC CERAMICS   Boulder, CO
Manager of USA stock   November 2015 - May 2017
- Manage US stock and inventory of Dragana Jevtovic Ceramics
- Work with customs broker to import large quantities of ceramics from South Africa.
- Package and ship highly fragile items and work with shippings companies to estimate shipping costs.
- Manage social media and marketing.
- Managed Wordpress ecommerce website

Education

UNIVERSITY OF DENVER, LAMONT SCHOOL OF MUSIC   June 2017
Graduate Performance Certificate in Cello Performance
- One-year program designed for extended work in cello performance.
- Applied lessons, ensemble participation, and a recital.

UNIVERSITY OF COLORADO BOULDER
Bachelor's of Music in Cello Performance   May 2015
GPA: 3.9 / 4.0
- Intensive study of the art of cello performance and pedagogy.
- Applied instruction, recitals, chamber music, orchestra, music theory and history.
- Graduated with High Honors
- Dean's list 2011-2015