ERIK ALVAR

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I'm a software engineer with a background in music performance, engineering, and education. From my work as an international touring artist and educator, I bring experience in team management, learning on the job, adaptability, and improvisation. I started coding to pass time at airports or on the tour bus and am excited to combine my creativity and analytical nature to building, debugging, enhancing new products that people use every day.

WORK EXPERIENCE

ACTUALIZE

Teaching Assistant | October 2020 – Present
+ Work as sole full-time teaching assistant providing supplemental instruction to 10 software development students in a live online setting
+ Facilitate student learning of Ruby, Rails, HTML5, CSS3, JavaScript, Vue.js, and additional frameworks, ensuring dry and clean code
+ Evaluate student progress and mastery, presenting findings to lead instructor

Full Stack Development Bootcamp | April 2020 – Aug 2020
+ Learned fundamentals and best practices in full-stack web development in areas of project architecture, backend, frontend, and how to effectively self-teach new technologies
+ Generated technical requirements and determined the most effective solutions, created wireframes, designed schema, and researched outside resources
+ Built and tested the backend, incorporating external APIs
+ Created pages and RESTful routes, made web requests to retrieve data, formatted and styles results, incorporated libraries and themes
+ Acoustic Music NYC: personally built a web app that contains all of NYC's acoustic music events in one place. Each entry is searchable by content and tags. Users can submit events for moderators to approve and edit. Users can star their favorite events to create a personal calendar that they can view and share with friends. The app uses a Ruby on Rails backend paired with Vue.js frontend along with Google Maps JavaScript API to create the most user-friendly experience.

MUSIC INDUSTRY

Freelance Musician, Educator, and Recording Artist | May 2009 – March 2020
+ Toured internationally 200+ days a year with bands including Billy Strings, The Jim Hurst Trio, The Roys, and Rebecca Frazier and Hit & Run
+ Performed on the second national tour of A Christmas Story the Musical after its Broadway run
+ Recorded on hundreds of tracks totaling millions of streams. See: Billy Strings-EP (2016)
+ Worked at all levels of band management: bandleader, equal-share-member, sideman
+ Booked and promoted shows digitally, terrestrially, and print
+ Taught a full-time private lessons studio of up to 20 students a week on eight different instruments
+ Lead workshops at major music festivals across the U.S.

UNIVERSITY OF FLORIDA SCHOOL OF MUSIC

Jazz Department Graduate Assistant | August 2016 – May 2018
+ Taught all undergraduate jazz courses in-person, online, and hybrid
+ Managed online jazz history course of up to 400 students from around the world
+ Managed upkeep of online platform Canvas LMS maintaining active documents, links, and students
+ Directed university jazz band rhythm section

EDUCATION

UNIVERSITY OF FLORIDA
2016 – 2018
+ Master of Music in Classical Bass Performance

FLORIDA STATE UNIVERSITY
2009 – 2013
+ Bachelor of Arts in Commercial Music
+ Minor in Business

SKILLS

TECHNICAL
+ Ruby
+ Rails
+ Vue.js
+ JavaScript
+ HTML
+ CSS
+ PostgreSQL
+ Git
+ GitHub
+ APIs
+ Pair-Programming
+ Testing
+ Object-Oriented Programming
+ Bootstrap
+ Node.js
+ Express.js
+ React

MUSIC
+ Pro Tools
+ Logic Pro
+ Finale
+ Sibelius