RICHARD "GERRY" PASS

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WEB DEVELOPMENT POSITION

Full-stack web developer with a focus in Ruby on Rails; Eager to pursue passion in the technology industry and driven to continuously learn new technologies; Focused on an entrepreneurial mindset and positive work culture; Strong analytical skills and creative problem-solver; Hardworking and dedicated to success; Excellent communicator with strong interpersonal skills who can work independently or within a team based environment

SKILLS AND QUALIFICATIONS

◆ Ruby on Rails	◆ PostgreSQL	◆ Test-Driven Development
◆ JavaScript	◆ Twitter Bootstrap	◆ RESTful APIs
◆ AngularJS	◆ HTML5	◆ Amazon Web Services
◆ jQuery	◆ CSS3	◆ Lean Six Sigma Green Belt
◆ AJAX	◆ GitHub	◆ Financial Accounting

DEVELOPMENT EXPERIENCE

GENERAL ASSEMBLY, INC.   SEPT 2014 – PRESENT
WEB DEVELOPMENT INSTRUCTOR
- ◆ Break down complex ideas into simple concepts and present them using layman's terms
- ◆ Create lesson plans for students to quickly learn full-stack web development
- ◆ Pair-program through each student's projects and assist in troubleshooting
- ◆ Prepare and run simulated interviews, providing continuous feedback

ROTORCOMMERCE, LLC   JUNE 2014 – AUG 2014
SOFTWARE ENGINEERING CONTRACTOR
- ◆ Created wireframes and visual MVPs to aid the sales team in customer discovery
- ◆ Built Ruby on Rails applications from concept to production, utilizing Trello for Agile development and RSpec for TDD
- ◆ Connected mail services with our API to connect customer emails with our application
- ◆ Set up email attachments to be uploaded to Amazon S3 via Paperclip

RIGOR, LLC   JAN 2014 – APR 2014
SOFTWARE ENGINEERING CONTRACTOR
- ◆ Built Ruby on Rails applications from concept to production by applying a strong understanding of MVC (including Fat Model, Skinny Controller principle), Rails associations and PostgreSQL, Twitter Bootstrap 3, and RSpec & TDD best practices
- ◆ Used Selenium Webdriver and PhantomJS to data mine and analyze web performance data (HAR data and Google PageSpeed score) which was used for content generation and business development
- ◆ Refactored complex Rails and JavaScript spaghetti code and implemented AJAX and single-page principles, email reports through the RoR application, UI/UX features including RWD, and SEO best practices
- ◆ Managed DNS settings, conducted server load testing and wrote documentation for implementation and maintainability

SELF-STUDY PROJECTS   MAY 2013 – PRESENT
MIDDLEOF.US
- ◆ Single Page Application (SPA) to help users find a mid-place with free wifi
- ◆ Technologies used: AngularJS, Ruby on Rails, JavaScript, Bootstrap

HAPPS
- ◆ App to help users apply the findings of positive psychology
- ◆ Front-end technologies used: Bootstrap, HTML, Slim, CSS, Sass, JavaScript, CoffeeScript, jQuery, AJAX
- ◆ Back-end technologies used: Ruby on Rails, PostgreSQL, bcrypt, RSpec, Capybara, Cucumber, FactoryGirl

SPA MOVIE APP
- ◆ SPA for users to easily search for movie info
- ◆ Technologies used: Ruby on Rails, JavaScript, jQuery, AJAX, HTML5 push state, Slim

CHATBUILDER
- ◆ Live-chat app integrated with Parse's REST API using jQuery AJAX push and get functions
- ◆ Built using only HTML, JavaScript, and jQuery to maintain simplicity

HACKATHON: FIND MY CITY COUNCIL MEMBER
- ◆ Simple and easily implementable app for Atlanta residents to find their city council member
- ◆ Utilized GeoJSON district data and implemented it with Google Maps API and JavaScript
- ◆ Two-man team which won the "Atlanta Just Go Ahead and Implement This" award

TRAINING & EDUCATION

SELF-STUDY
Rails Tutorial by Michael Hartl, Professional JavaScript for Web Developers by Nicholas Zakas,
Git Immersion by Neo Innovation, Inc., Eloquent Ruby by Russ Olsen,
Practical Object-Oriented Design by Sandi Metz

SIEMENS INDUSTRY, INC.
10 Hour Financial Accounting Training (Harvard Business Online), Target Account Selling,
Value Selling Strategies, Influence Without Authority, DiSC Personality Training

WEST VIRGINIA UNIVERSITY
B. S. in Mechanical Engineering and B.S. in Aerospace Engineering – May 2009
Graduated Magna Cum Laude

PROFESSIONAL HISTORY

SIEMENS INDUSTRY, INC.   2011 – 2013
Account Manager – Mobile Mining Solutions, Large Haul Trucks
♦ Served as liaison between customer, engineering and manufacturing facilities by leading customer meetings, analyzing which products to focus R&D funds, and mediating discrepancies between sales forecast and manufacturing facility

SIEMENS INDUSTRY, INC. – LEADERSHIP DEVELOPMENT PROGRAM   2009 – 2011
Participated in a two year rotational program directed at developing future talent for placement within Siemens; developed a new skill set every 6 months by changing functional roles and business units.
Business Development, Industrial Technologies (2011)
♦ Created datacenter business plans, automation system marketing tools, and customer nurture programs
♦ Led a cross-functional team consisting of finance, logistics, and marketing employees and was nominated for Team of the Year

Project Management, Mobile Mining Solutions Services (2010 – 2011)
♦ Introduced and organized the new CRM software for our services, installed base, tracking of customer calls and tickets for failures, schedule management for service engineers, reporting for quality management and feedback, and training documentation
♦ Developed an algorithm and tool to be used during price negotiations, resulting in an increased revenue by $1.2M per year

Sales and Marketing, Metals Projects (2010)
♦ Collaborated with sales, marketing, business development, and finance team members to further develop the existing product portfolio, determine which markets and products to focus sales efforts on, and develop best practices for project execution
♦ Created an automated reporting tool; reducing reporting time by 15%, thus saving $900K per year and introduced new software that reduced pipeline reporting time by over 95%

Process Improvement, Program Management Office (2009 – 2010)
♦ Focused on projects which oversaw project management execution, such as lean six sigma events, gap analysis, creating metric models for each key function, and coordinating efforts with sales, marketing, and communications

SPAWAR SYSTEMS CENTER   2008
Engineering Intern – Aviation Command & Control Department
♦ Worked under lead engineers in determining build location feasibility, implementation of new logistics coordination software, and running financial feasibility analysis on system upgrades

VOLUNTEER EXPERIENCE

BIG BROTHERS, BIG SISTERS   NOV 2013 – PRESENT
♦ Volunteer for BBBS as a "Big", acting as a role model for an at-risk child

ENGINEERS WITHOUT BORDERS   2007 – 2013
♦ Initiated efforts in establishing a partnership between Siemens & EWB-USA, executing a growth strategy, overseeing teams of six employees, prioritizing tasks and networking throughout company
♦ Chaired leadership position with Atlanta Professional chapter and participated in planning of solar grid project in Cambodia
♦ Lead West Virginia University chapter's first project, Nicaragua Water Filtration Project, directing four member team to execute project and assist in strengthening the chapter as a whole, visiting Rancho Grande and Cerro Verde in Nicaragua