

Gary Allen Russell Jr

PERSONAL PROFILE

A dynamic professional with a background in software development, specializing in roles like Junior Software Developer, Junior Engineer in Ruby on Rails, Full Stack Engineer, Web Developer (Freelance), and Solutions Engineer. Proficient in backend technologies like Ruby and frontend technologies such as React, this candidate holds a certification in Back-End Engineering from Turing School of Software & Design. Demonstrating expertise in deploying scalable solutions, implementing CI/CD pipelines, and ensuring secure user authentication, the individual has showcased a collaborative approach in roles like Care Manager at Rocky Mountain Human Services. The diverse skill set, educational background, and practical experience make this candidate an excellent fit for software development and engineering roles.

STRENGTHS & CAPABILITIES

- Understanding of software development life cycle (SDLC) and agile methodologies.
- Experience with both relational and non-relational databases.
- Building and consuming APIs for seamless data flow.
- Excellent communication skills to understand and meet client requirements.
- Ability to manage multiple projects independently.
- Quick problem-solving skills and adaptability to different project requirements.
- Innovative thinking for designing user-friendly and visually appealing websites.
- Ability to integrate solutions into existing client environments.

PROFESSIONAL EXPERIENCE

Care Manager Rocky Mountain Human Services | February 2022 - May 2023

- Played a key role in advancing EHR system development by employing analytical problem-solving skills within an active Agile group.
- Ensured the timely completion of admin, management, and user profile checkpoints during the development process.
- Successfully collaborated within the Forensic Support Team of the Community Transitions program.
- Established strong connections with partners and customers across 16 counties to enhance teamwork and program effectiveness.
- Utilized technology to connect individuals with relevant resources, leading to improved program transitions and positive outcomes for numerous individuals.

Case Manager Mental Health Partners | August 2020 - October 2021

- Offered counseling and case management services to clients facing mental/behavioral health challenges, physical disabilities, and housing issues.
- Adhered to HIPPA regulations while handling customer complaints with patience and professionalism.
- Facilitated housing placements and connected hundreds of individuals to community resources.
- Utilized a collaborative team approach, effective communication strategies, and empathy to achieve a significant reduction in crises.

Care Coordinator Mental Health Partners | August 2018 - January 2019

- Delivered impactful Supportive Counseling, life coaching, and Targeted Case Management services to clients.
- Improved clients' emotional well-being and self-awareness, as evidenced by self-report survey data.
- Facilitated treatment adherence and goal achievement by providing assistance with technology and practical steps.
- Helped clients navigate local resources for therapy, substance abuse treatment, housing, and connection to medical providers.

Deputy Sheriff Adams County Sheriff's Office | July 2014 - May 2018

- Utilized Record and Jail Management Systems for processing and maintaining confidential records, achieving 95-100% accuracy through cross-referencing with government databases, chain-of-custody information, and property details.
- Streamlined administrative procedures as a notary public in the Booking and Releasing Unit, reducing processing time and enhancing operational efficiency for handling 100+ cases daily.
- Managed customer concerns and grievances, offering clear information on procedural and technical matters.
- Provided high-quality customer service and support to visitors, residents, various staff levels, and government officials.

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Contact

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Professional Skills

- Programming Languages
- Problem Solving
- Coding and Debugging
- Team Collaboration
- Software Development Life Cycle (SDLC)
- Version Control
- Database Management
- Communication Skills
- Database Integration
- Testing
- Agile Development
- API Development
- Collaboration
- Project Management
- Adaptability
- Time Management
- Troubleshooting

Care Coordinator CODAC Behavioral Health Services, Inc. | February 2013 - March 2014

- Led guided hikes and community outings for young adult teams to foster bonding and personal growth.
- Enhanced participants' connection to nature and physical well-being, as reported by themselves, through a collaborative and inclusive approach.
- Received positive feedback from 90% of participating young adults, acknowledging improved motivation and teamwork skills.

ADDITIONAL EXPERIENCE

Musician | Various Local Artists | Present

- Devoted more than 30 years to mastering technical skills in drumming, percussion, guitar, vocals, and keys.
- Instructed hundreds of students in the interpretation and performance of music, nurturing self-expression and community engagement.

Music Teacher School of Rock | November 2021 - May 2022

- Implemented a web-based learning system to organize lessons efficiently, improve interaction between teachers and students, and enhance overall learning efficiency and customer success.
- Instructed drums, guitar, and piano for both youth and adults, achieving approximately 25% higher student retention and satisfaction through personalized instruction and tailored approaches.

Music Teacher Bach to Rock | August 2019 - June 2020

- Delivered comprehensive instruction in drums, guitar, piano, and vocals to enhance students' proficiency across all instruments.
- Cultivated increased engagement and active participation, leading to positive feedback from over 90% of students and their families, thereby boosting musical appreciation and confidence.

EDUCATION

- **Certification in Back-End Engineering** Turing School of Software & Design
 - Intensive, ACCT-accredited software development program
- **Master's degree in Criminal Justice** Boston University
 - National Honor Society Alpha Phi Sigma - Statistics, Ethics
- **Bachelor of Arts (B.A.) in Psychology** University of Colorado at Boulder
 - Cognitive Science, Research Methods, Statistics, Neurobiology of Learning & Memory

RECENT PROJECTS

[aiArtistAssist](#) | [GitHub](#) | Type: Solo Project | November - December 2023

- Created a Rails monolith for OpenAI's GPT-4 model, enabling the generation of prompts, resources, and images.
- Documented project progress and submitted issues to enhance scalability and user experience.
- Implemented ActiveStorage for Data Upload and Cloud Storage, and conducted microservices request testing using Postman.

[GearUp](#) | [GitHub](#) | Type: Group Project | October 2023

- Conducted back-end development for a full-stack application, utilizing Ruby on Rails and GraphQL with PostgreSQL.
- Successfully achieved smooth deployment on Heroku, implemented Continuous Integration/Continuous Deployment (CI/CD) with GitHub Actions, incorporated Redis for caching, and utilized Sidekiq for mailer service.

[NextSteps](#) | [GitHub](#) | Type: Group Project | September 2023

- Developed a resource-finding app using Rails, JavaScript, JS Leaflet Library for geolocation, and Bootstrap CSS.
- Deployed the app on Heroku and established Continuous Integration / Continuous Deployment using Circle CI.
- Implemented security measures for user authentication, including Google OAuth and Timed Inactive Logout.

[Road Trip Planner BE](#) | [API](#) | Solo Project | August 2023

- Developed 7 endpoints exposing data from APIs such as MapQuest, Unsplash, OpenLibrary, and Weather.
- Offered JSON responses containing weather information, books, and background images based on location parameters.
- Constructed the front-end UI using React in a separate repository and configured Cross-Origin Resource Sharing (CORS).
- Utilized robocop and codeclimate.com to facilitate the creation of clean and maintainable code.

TECHNICAL PROFICIENCIES

- **Backend:** Ruby | Ruby on Rails | ActiveRecord | PostgreSQL | Postman | Python | REST | GraphQL
- **Testing:** RSpec | SimpleCov | Orderly | Shoulda-Matchers | VCR | Webmock | FactoryBot & Faker | Locust
- **Frontend:** HTML | CSS | JavaScript | Bootstrap | Tailwind | React |
- **Testing:** Cypress
- **Tools & Process:** GitHub | GitHub Projects | CI/CD: CircleCI/GitHub Actions | Agile | Docker
- **Exposure:** AWS | Google Cloud | GoLang | Java | C# | QA | DevOps | Websockets