Daniel Rice

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About Me

I am a driven Software Engineering Manager, individual contributor, and problem-solver. Coworkers and direct reports describe me as diligent, passionate, responsible, and thoughtful. I have managed several technical teams and developed software across the full web application stack since I started coding in 2016. I am looking to bring that experience to a new management or senior engineering role.

Work Experience

Plan to Eat — Software Engineering Manager (2020—2023)

As a manager of a new hire, I developed and implemented a training program for junior engineers that improved their competence and confidence when working with our platform.

- Identified that the company lacked an onboarding and training program during the hiring process
- Compiled a guide for new employees that encapsulated onboarding processes, development environment configuration, and technical milestones to target
- Delegated lunch and learn presentations to the junior engineer to check on progress through the guide and facilitate learning
- The engineer, who had initially struggled to understand functional React components, can now competently work across our React-Redux architecture

As a full-stack engineer, I responded to a common customer request for a Nutrition Facts calculator by developing a "Calculate Nutrition Facts" button.

- Developed a service in Ruby on Rails to consider the recipe's ingredients, the number of servings in the recipe, and how to scale the ingredients to match the USDA's units before searching for results
- Added a "flag for review" feature so users can notate mistakes in the searching and scaling behavior
- Developed a machine learning admin interface to address the flagged recipes and other inaccurate data, allowing for the Nutrition Facts service to improve over time
- Received overwhelmingly positive feedback from longtime customers for the addition of the feature

As the lead developer of the mobile app, I recognized and developed key missing features that needed to be added for parity with the web app.

- Developed drag and drop rescheduling for events on the meal planner, a CRUD form for recipe categories, and account closure functionality using React
- Drag and drop and the categories form were well-received by customers based on support tickets
- Account closure substantially cut down on support ticket requests

BillGO — Expansion Group Manager (2020)

As a manager of a team of twelve, I increased our biller integration cadence from 1000 per quarter to 4000 per quarter, greatly exceeding company expectations.

- Held one-on-one and team stand-up meetings to ask engineers what patterns they were seeing with billers, what slowed down the integration process, and what support they needed
- Some of the engineers brainstormed a much faster integration process and proposed it in a meeting
- Ultimately delivered over 4000 biller integrations for the quarter for a stretch goal of 3000, completely resetting expectations for both the team and the sales department pitching our biller network

Radial Development Group — Team Lead (2017–2020)

As the technical lead of a team of four, I oversaw seven software projects in my last year.

- Identified which projects required domain knowledge unique to specific employees and ensured they were engaged in the development process for each sprint with a team sprint plan
- Successfully delivered sprints that met client expectations on a consistent cadence, even though three of the team members had less than a year of development experience

As the lead developer of the Plan to Eat project, I identified major technical problems that had long plagued the mobile app and developed a plan to resolve them.

- Recognized particular bugs with API synchronization that were frustrating the client and made them a higher priority in our backlog
- Collaborated with senior developers on staff to track down where synchronization was causing unexpected behavior, such as disappearing or flickering content
- When I left Radial, the client sought me out to continue to work on his project under a new contract

As the lead developer of the My Right Horse project, I recognized the client's struggle to convey Radial's value to stakeholders and changed our delivery process to accommodate it.

- Developed a "sprint report" concept that described what work the team did without technical jargon
- The client was so pleased with my reports that Radial changed its delivery policy to expect one be written for every client in every sprint

Technical Skills

- Fluent: Ruby on Rails, React, Redux, React Router, Bootstrap, HTML 5, CSS 3, SASS
- Proficient: jQuery, Ember, Meteor, PostgreSQL, MySQL, MongoDB, UIKit, Semantic UI
- Familiar: Python, AngularJS, Swift for iOS, Java for Android

Soft Skills

- People management: candid, truthful, and attentive servant leader
- Project management: deliberate problem-solver who explores possibilities thoroughly before taking action
- Communication: capable and detail-oriented as a writer and speaker

Education

Bloc — Software Engineering Track (2016–2017)

- Ruby on Rails, Postgres back end
- JavaScript, jQuery, AngularJS, Bootstrap front end

Colorado State University — Bachelor of Arts (2010–2015)

- Communication Studies Major
- Business Administration Minor
- English Minor

Additional Achievements

- The American Taekwondo Association — First Degree Black Belt (2011)
- The Boy Scouts of America — Eagle Scout (2008)