

#dreamjob deliverer (of tests)

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1 About Salesforce.com

Salesforce.com is the global leader in customer relationship management (CRM) software. We pioneered the shift to cloud computing, and today we're delivering the next generation of social, mobile and cloud technologies that help companies revolutionize the way they sell, service, market and innovate—and become customer companies. We are the fastest growing of the top 10 enterprise software companies, the Worlds Most Innovative Company according to Forbes and one of Fortunes 100 Best Companies to Work For. Our more human, less corporate culture is built around doing work that matters, winning as a team and celebrating success Aloha-style.

2 The Project

As a technology company, we give programming tests to evaluate candidates. We generally give the test remotely, freeing the candidates from a commute and allowing the test to be taken in a comfortable environment. To maintain the applicability of the test, we restrict the tests shareability, primarily preventing pre-canned solutions. Our current solution involves using GoToMeeting as an interface to control a VM that contains the PDF containing the programming project details. Sound cumbersome? You bet. On linux and the GoTo web app, the test-taker is unable to control the VM and cannot pan the document, which mandates the use of a Mac or Windows machine while taking the test.

To overhaul our programming test process, we envision a web interface that restricts the test-taker from sharing the test, displays a time-remaining clock, and empowers the test-giver (aka admin) with the ability to manage repository of tests, give a test via a shareable link that is time-locked, and collect/archive solutions to the test (uploaded in a zip).

3 Desired Technologies

- Language: Ideally, this will get deployed as an app on Heroku, so anything kosher there: <https://devcenter.heroku.com/categories/language-support>
- Standard Web Stuff: HTML, CSS, & Javascript
- Databases: SQL, MongoDB, or Redis (Any free options at <https://elements.heroku.com/addons#data-stores>)

- SCM: git to manage the project on github

4 Team Requirements

- Recommended team size: 2-4
- Each team-member would be asked to sign an NDA with Salesforce.
- Work can be performed anywhere, but we will at least give a tour of the Salesforce office in Louisville.
- Preferred communications are over email or hangouts video conferences.