# Greenhouse Web Application

Bekki Freeman, Eggplant Functional Team Lead
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**About Us:**

Eggplant provides a wide variety of systems to validate software; from mobile devices, to desktops, servers, missile control systems, and in-car infotainment systems. Our tools cover functional test automation, performance testing, load testing, test management and lab management. The Eggplant test automation tools are vital to QA engineers at hundreds of customers in dozens of countries.  If you enjoy working with a nimble, flexible, collaborative, and fun team, then you'll love it here at Eggplant.

**Project Summary:**

Design and build a web portal application to handle customer interaction for software licenses and support tickets.  Use the Salesforce API and a variety of product license generators to generate software license keys.  Work with the internal design team to create a beautiful and intuitive CSS user interface.

**Details:**

Eggplant's customer support portal, Greenhouse, is used to allow users to self manage their software licenses across a growing number of products.  Those products have a variety of configuration options.  The web application (Greenhouse) must have a web dashboard with user authentication for customers and employees to log in to generate and manage licenses, in addition to submitting support tickets.  There is an existing web app to use as a model, though it integrates with an older version of the Salesforce API.

Coordinate with the marketing team to provide a consistent user experience.  Create a well modularized web application with appropriate components and separations of concern, using good software design practices.  There is an opportunity to propose a specific tech stack; the existing app is written in Ruby on Rails.  The web application, database, and dashboard should use modern security standards and adhere to accepted software design standards.

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**Size:**

 2-3 people

**Technologies Used:**

- Ruby on Rails
- Amazon AWS
- Salesforce API through (rubyforce)

**Student Benefits:**

- Freedom to explore and run a complete project life-cycle.
- Ability to work with common industry technologies like Amazon, Salesforce, and Ruby.
- You'll be working in close collaboration with the Chief Development Officer and be exposed to modern business and engineering practices
- For this project you can work remotely. Remote communication tools of the company will be made available to you.

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