**Design Document for Cloud Project**

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# Brief Summary about our App:

It's an application which helps you build your portfolio. Too mainstream, right? So we help you build a semi formal portfolio which shows your true identity and persona to everyone. What are the perks of using this application? Build portfolio, write and publish blogs in the field of your interest. Your profile will speak about your professional and personal interests.

It's a web application easy to use and easy to share!

Let's get on the details now.

# Technologies to be used:

Database Environments : DynamoDB (NoSQL DB) / MongoDB (locally)

Front End Design : Bootstrap, HTML, CSS , AngularJS

Back End/Middle tier : Node.js

User Interface : Responsive Web Based UI

# Features:-

* We keep your account secure by giving you the login credentials.
* Use of AJAX to have a better performance instead of loading/refreshing the whole page. For example: Invalid credentials, search tab and so on.
* Allow users to upload images for their profile pictures.
* Blog view of other users
* Offers adding and deletion of posts in the blog
* Incorporating a dataset which has JSON format (pending)
* Run unit/integration tests with Travis CI Build & Deploy
* Locally host the application
* Write scripts for S3, Configuring the application on DynamoDB, add more unit test cases
* Use Code Deploy to host the application on the cloud with the chosen DNS
* Launch EC2 instance with Node js server installed on it and all required packages mentioned in user data

# Things to do :-

* **Deploy the application on the cloud**
* **Host it on the chosen DNS (**[www.neu-csye6225-spring2017-team-9.info](http://www.neu-csye6225-spring2017-team-9.info/))
* **Allow the application to be universally be accessible to anyone**
* **Secure the application on the cloud with lets encrypt**