

Backend challenge

Problem:

Suppose your application has users from multiple timezones. And you want to send them an email at their local time. Let's say you want to send an email to the users on 31 December 2019 at 11:00 AM. All users from different timezones will receive the email at their 11:00 AM (on 31 December 2019). Suppose your application has the "Asia/Dhaka" and "America/Costa_Rica" users, Bangladeshi users will receive the email at BST 11:00 AM and American users will receive the email at US 11:00 AM. Develop a sophisticated node.js solution for handling such a scenario. Here is the [list of timezones](#) you need to process.

Hint: You need to use scheduling.

Solution guideline:

1. You don't have to implement the email sending mechanism, just console.log the timezone(s)
2. Develop the solution using node.js and any other tools you prefer.
3. Your solution must survive server crash or restart.
4. Write documentation that describes the idea well.

[Note: Please do not publish your solution to others for the next two months, so that no one can copy and submit.]

Submission:

1. Upload the code to your Github account and share with us as collaborators:
joynal (Github username) – Joynal Abedin, Fullstack Developer.
2. Email us the Github invitation link & your resume at "**career@aaroza.com**".
The email subject will be "**NodeJs Developer**".
3. Please don't email us without completing the code challenge.
4. We will contact you as soon as possible.