



# Full-Stack Senior Developer Technical Assessment

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1. Write a function that finds the largest and smallest numbers in an array
2. Write a function that removes duplicate characters from string. Provide at least 3 solutions. Which is best in your opinion? Why?
3. Write a function that checks if two strings are Anagram
4. Write a RegEx to match an Australian mobile phone
5. Write a social app using Ember, Angular, React or Vue:
  - a. Welcome screen with a connect with Facebook, Twitter OR LinkedIn button
  - b. The connect will send the client to go through the social network authentication process
  - c. After a successful connect the app will display a client profile page that includes:
    - i. Name
    - ii. Profile picture
    - iii. Contact info (email & phone)
    - iv. The client's last 3 posts from the social network (images & texts)
  - d. Additional guidelines:
    - i. It can be back-end and front-end or front-end only as long as it's using the front-end framework
    - ii. Proper errors handling
    - iii. eat, readable and maintainable code
    - iv. Presentable UI / UX (HTML / CSS)
    - v. Bonus points for any unit testing and documentation

## Additional notes:

- Please use C# as the back-end language for your code
- Kindly send your answers as either a zip file or a Github rep to [jobs@ast-solutions.com.au](mailto:jobs@ast-solutions.com.au)

Best of luck!