



Senior Full-Stack Engineer

Tech Challenge

Introduction

Thank you for your interest in the ‘*Senior Full-Stack Engineer*’ role at deskbird. This code challenge is designed to give us insight into your technical skills and problem-solving abilities.

Please complete the assignment and submit it within 5 days to a hosting service of your choice. We appreciate your time and effort.

Happy coding! 😊

Assignment

We want you to build a single-page app with a login page that allows users to authenticate and access protected content.

Tech Stack

Frontend: Angular, PrimeNG, NgRx/store, NgRx/effects

Backend: Node.js, NestJS, Postgres

Feel free to use AI code generation tools fully. We will be evaluating your project based on project layout, code quality, architecture, and your ability to leverage modern technologies effectively. Also, we will discuss technical aspects of your solution during the interview process, including which parts were generated and which were crafted by you. If time constraints prevent you from making certain parts of the app production-grade, please indicate in comments what your next steps would be.

Requirements

- There are two types of users: admins and regular users
- The user database gets seeded initially with a predefined admin user
- The app shows a login screen initially
- After successful login, regular users see a list of users without edit functionality
- After successful login, admins see an editable list of users
- Admins can edit all users in a dialog
- Feel free to add creative touches for bonus points - not required though.

Next Steps

After reviewing your submission, we will contact you to discuss your solution and next steps in the hiring process.