



## Staff Engineer Tech Challenge

### Introduction

Thank you for your interest in the Staff Engineer role at deskbird. This code challenge is designed to give us insight into your technical skills and software development approach.

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, (optionally NgRx/store, NgRx/effects)

Backend: Node.js, NestJS, Postgres

Feel free to use AI code generation tools, especially for the frontend. We will evaluate your project based on project layout, code quality and architecture. 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. Just make sure to showcase the skills you are most proud of in at least one part of the app.

### 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

### Next Steps

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