

Code Pairing Interview

Application Developer



Important tips for the interview



We encourage you to make sure that the program ([Zoom](#) - installed app), headphones/microphone and internet works correctly 10 minutes before the interview starts.

You will be required to use “screen share” functionality for this discussion.



Feel free to introduce yourself to the interviewer/s and check with them if they can hear/see you properly. They will do the same with you.

Then, relax and enjoy! They are looking forward to meeting and collaborating with you :)



We strongly recommend you to prepare some questions in advance.

You will have around 10 minutes at the end of the interview to ask our employees about their job, projects, technology, opportunities to grow and other interesting information you may want to know about us!



About this interview:

It is a coding interview call designed to get a deeper understanding of your knowledge and skills, as well as give you the opportunity to learn more about us through a Zoom collaboration session.

You can expect to be meeting 1 of our developer colleagues for 90 minutes.



In this interview you will:

- Focus on software quality & good dev practices (things like SOLID, Refactoring & Clean Code, Domain Modeling, TDD etc).
- Collaborate with your interviewer to achieve the outcomes discussed at the start of the interview.
- Have technical discussions about how to solve a problem.
- Get a taste of our way of working in a real project at ThoughtWorks.

Learn more about effective navigation in pair programming:

- [Effective Navigation in Pair Programming](#)
- [Remote Pairing 101](#)
- [TDD & Remote Pairing](#)

PAIRING INTERVIEW

90
Minutes

Before the Interview (PREPARE YOURSELF):

- Read the preparation material ([Codebase & Problem statement](#)) we are sending to you. You shall choose the repo of your primary programming language (discussed with the recruiter in prior) and go through the problem statement and the code, including the tests. **We expect you to understand the design, various components, bad smells, refactoring opportunities of the code so that we can use the interview time in coding and discussions.** This is a critical step to get the best outcome from the interview. (Time required: 1 - 2 Hours)
- In case, you have no practical experience with the used framework please spend time in exploring the basics of it and do let your interviewer know about the same so that the interview can run smoothly.

During the Interview:

- Work together with the interviewer just like in real work environment.
- Be proactive, express your opinions/reasonings, ask questions, don't hesitate in asking clarifications.
- Focus on the task in hand and use your understanding of the codebase.

After the Interview:

- The recruiter will get in touch with you with the feedback.



Tips

- Curiosity, critical thinking and willingness to learn and take feedback will be highly valued during this interview.
- Use Zoom (or any other tool)'s whiteboard functionality, if you wish to explain things graphically.



Additional materials for your preparation

- [Domain Driven Design and Domain Modeling](#)
- [Object Oriented Design](#)
- [Solid Principles](#)
- [The Principles of OOD: Principles of OOD](#)
- [Testing strategy](#)
- [Test Driven Development](#)
- [How to disagree with someone successfully and still effectively communicate](#)



LOOKING FORWARD TO MEETING YOU!

The Recruitment Team

Have a question? Please reach out to your
Recruiter!

