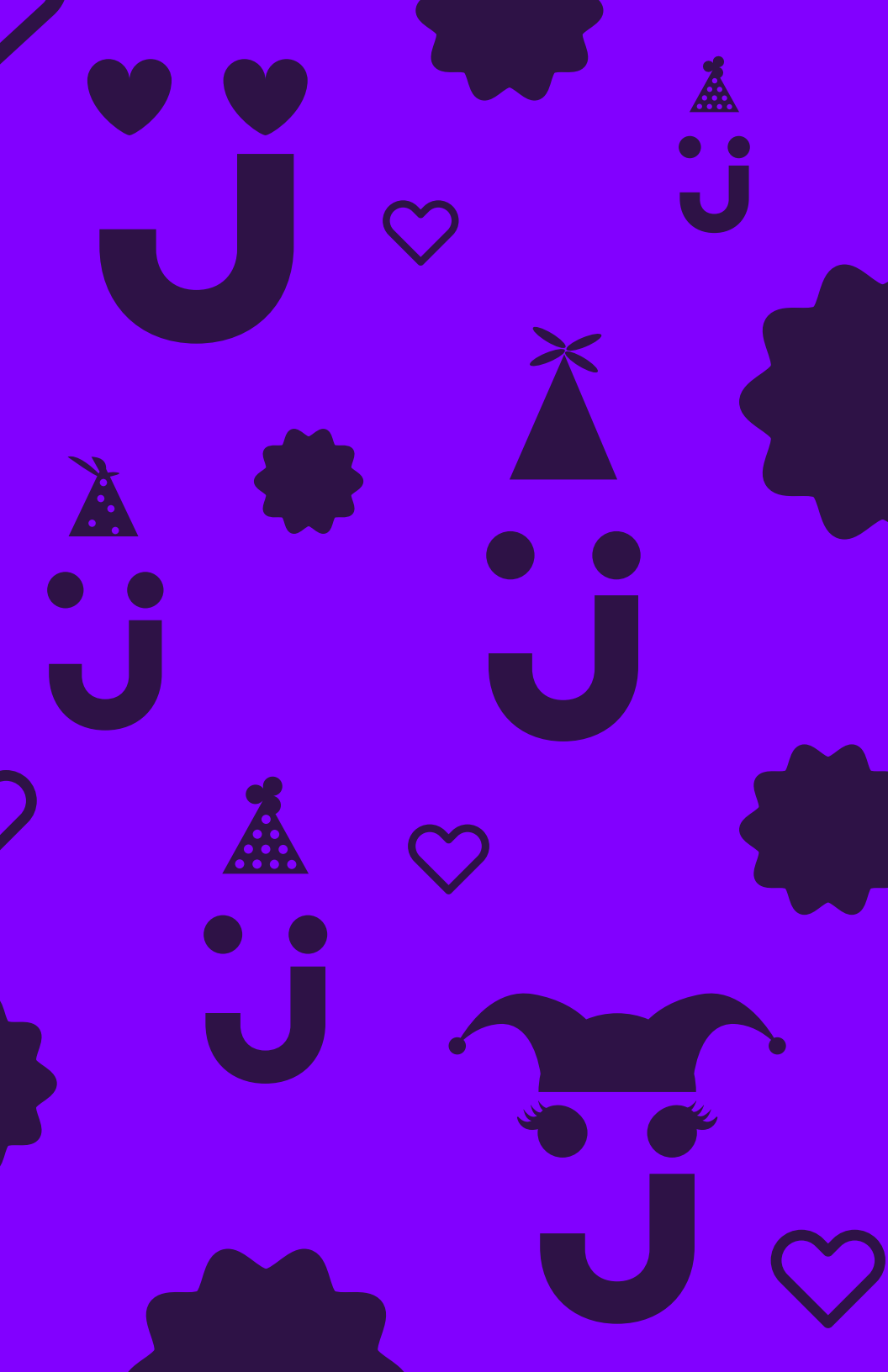


ijet



Congrats !

You've made it to the next round of interviews at Jet! We're pumped to meet you in person.

We know interviewing can be nerve-racking, so we put together a quick guide to help you prepare. Of course, feel free to reach out directly to your Recruiter with any questions.



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“My purpose is to take the great ideas floating around me and shape them into something that is effectual and sustainable.”

Rand D.

Live Catalog & Discoverability Platform,
Market Intelligence

First,

Why You're Here

You've already made a great impression. The purpose of this on-site interview is to see if you're a fit for Jet's culture, pace, and values—and, equally, if Jet is a fit for you!

To help give you an immersive look at our day-to-day, you'll be meeting with 4 or 5 engineers from various teams. If you're with us over lunch time, you'll also have the opportunity to meet with an additional team member informally to pick their brain about life at Jet. This informal lunch break is not considered part of the interview process, and no feedback will be submitted to HR or hiring managers.

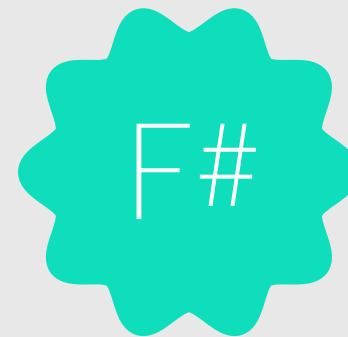
Next,

What We'll Cover in your Interview

The interview will include a range of topics such as:

- coding
- data structures
- algorithms
- computer science fundamentals
- systems design (Sr. Levels)

We recommend you spend some time exploring our [website](#) to familiarize yourself with Jet's products and technology.



At Jet, we use functional programming (F#); however, we don't expect you to know it off the bat—we just want to see if you can think functionally. We recommend that you practice writing code, and we would like to see you clearly communicate your thought process as you problem-solve coding questions.

Major Components of our Assessment

Coding

- Construct / traverse data structures
- Implement system routines
- Distill large data sets to single values
- Transform one data set to another
- Binary Trees

Algorithm Design / Analysis

- Big-O analysis
- Sorting and hashing, searching
- Handling large amounts of data
- Also see topics listed under 'Coding'

System Design

- Feature sets
- Interfaces
- Class hierarchies
- Designing a system under certain constraints
- Simplicity and robustness
- Trade-offs

Open-Ended Discussions

- Biggest challenge faced
- Best / worst designs seen
- Discuss functional programming. Talk about recursive approach
- Performance analysis & optimization
- Testing and Operational Excellence like monitoring and alerting
- Distributed Systems is also a key assessment that we want to make
- Focus on code quality and readability should also be pointed out when describing the whiteboard session
- Ideas for improving existing products

“At every step of my journey
at Jet, I’ve felt empowered
to try things and learn...
It’s okay to think big.”

Gina M.

Platform and Library Engineer

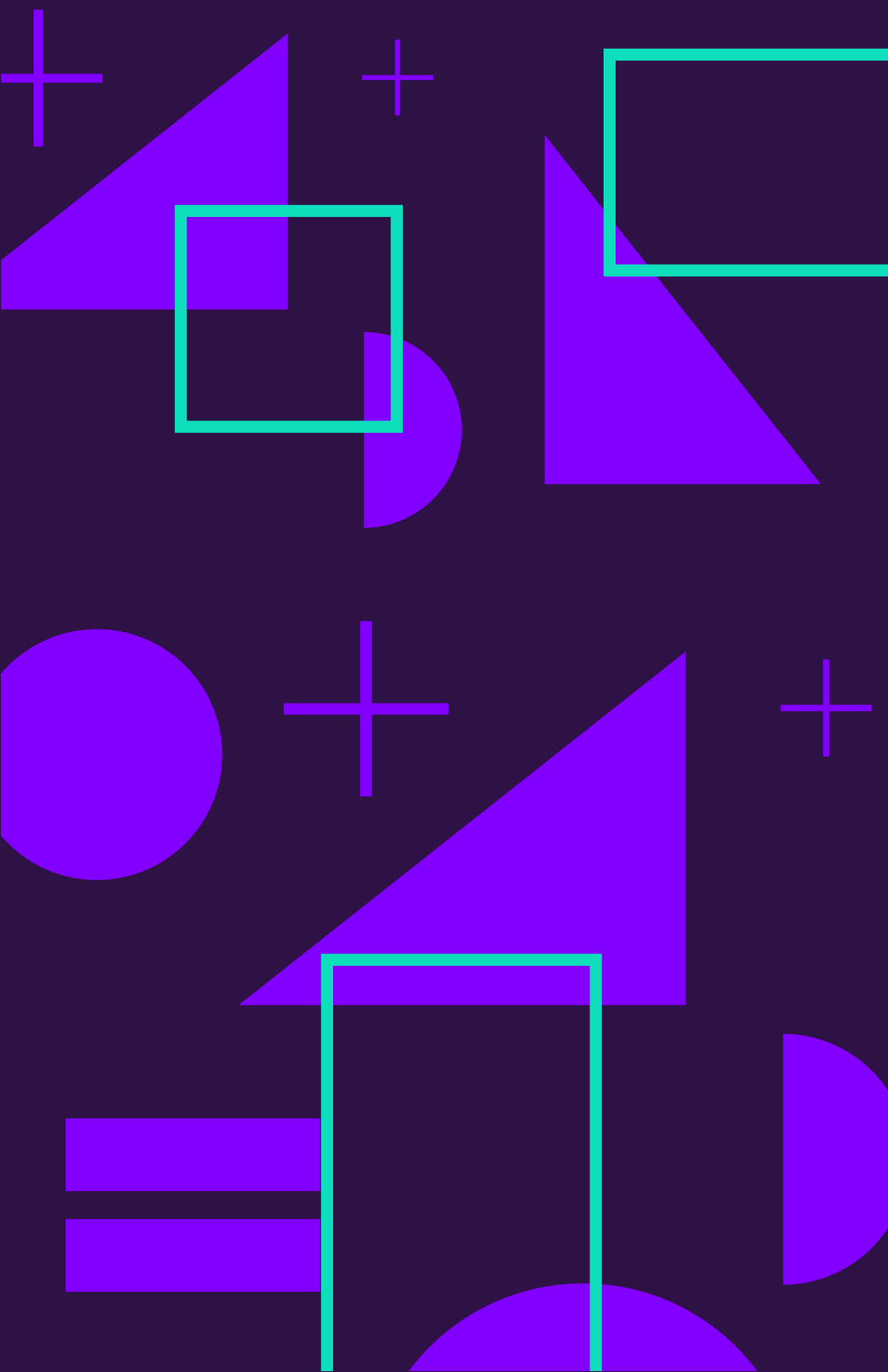
7

**Tips From
the Team**



1

Visit our [engineering blog](#) to find out a bit more about the different technologies and projects we are working on as well as to get a feel for our engineering and company culture



2

Practice algorithmic problems and look up types of questions asked at other top-tier tech company interviews



3

Ask clarifying questions instead of making assumptions

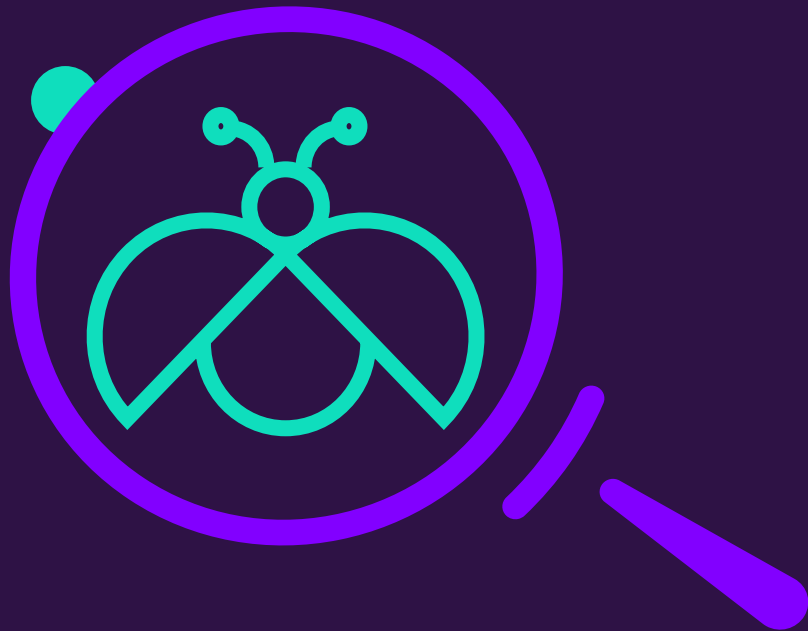
Before starting on your implementation, be clear on requirements. Describe your high-level approach first before implementing.



4

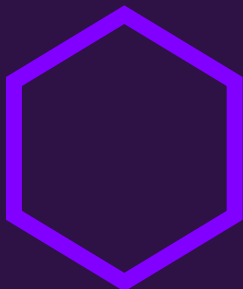
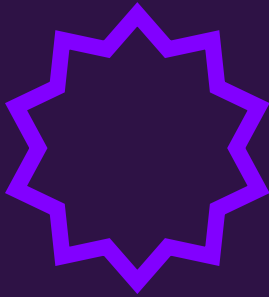
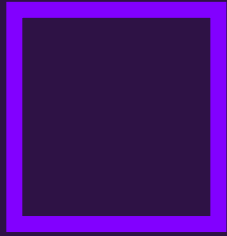
Verbalize your thoughts out loud while you're solving a problem

Our interviewers want to understand your thought process and how you go about solving a problem. By thinking out loud, you'll give them an idea and they'll be able to provide hints to steer you in the right direction. Clear technical communication is key. Give an idea of what the engineer should expect before jumping into the solution and take note of suggested hints.



5

Find and fix bugs using edge cases, tests, or other means



6

If asked about an interesting project, make sure to choose one that truly resonated with you, rather than just picking your most current project

Demonstrate enthusiasm and share details about the project by discussing who your audience or stakeholders were, why the project/product was built, and dig into your contributions and specific responsibilities.



7

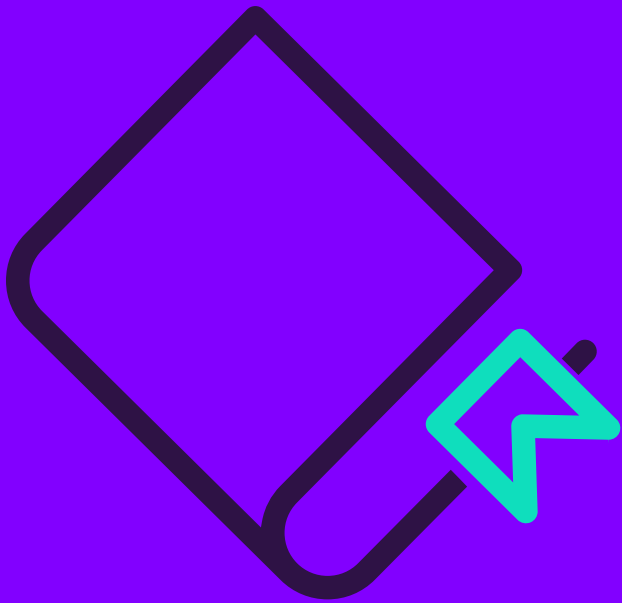
Ask relevant and appropriate questions about Jet to show your interest. This is your chance to interview us to make sure that Jet is the right fit for you.

“The diverse experience that my team brings to the table really allows me to learn from everyone around me and grow as a person.”

Ben S.

Partner Experience, Tools & Industrial

Additional Resources



[Meet Marc Lore](#)

[History of Jet](#)

[Come Join Jet](#)

[Jet Technology](#)

[Jet Tech Videos](#)

[What Walmart saw in Jet](#)

[Jet's \\$1.35 Billion Valuation](#)

[More from Marc Lore](#)

Additional Websites

<https://fsharpforfunandprofit.com/>

<http://codility.com/>

<http://www.spoj.pl/tutorials/>

www.hackquest.com

[http://www.ets.org/gre/subject/about/
content/computer_science](http://www.ets.org/gre/subject/about/content/computer_science)

<http://projecteuler.net/>

[Leet Code](http://leetcode.com)

[Top Coder](http://topcoder.com)

[Stack Overflow](http://stackoverflow.com)

Books you may find helpful

The Google Resume: How to Prepare for a Career and Land a Job at Apple, Microsoft, Google, or any Top Tech Company

Gayle Laakmann McDowell

The Algorithm Design Manual

Steven S. Skiena

Introduction to Algorithms

Cormen, Leiserson, Rivest & Stein

Programming Interviews Exposed: Secrets to Landing Your Next Job

John Mongan, Noah Suojanen, & Eric Giguère
(Wiley Computer Publishing)

Programming Pearls

Jon Bentley

Good Luck !

