Assignment 2

Software Companies and their Recruitment Procedure.

Course	Software Project 6
Section	G
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International Company

Company 1: Dropbox

Website: : https://www.dropbox.com/
Job Site: https://jobs.dropbox.com/
Glassdoor: https://www.glassdoor.com/Interview/Dropbox-Interview-Questions-E415350.html

Company Description:

One of the most valuable startup companies in the world, Dropbox is a top provider of cloud software solutions. Software engineers and developers that want to work in a dynamic environment, secure competitive pay packages, and further their professional careers will find it to be a desirable location to work given its $10 billion valuation. As a top provider of cloud software solutions, Dropbox has been named one of the most valuable startup companies in the world.

Interview Process:

Step 1: The First Pre-Screening

You will be contacted by a recruiter who will inquire about your experience and talents in general if your resume is shortlisted for the position.

Step 2: Telephone Technical Screening Interview

Your Dropbox interview's Technical Phone Screen is the first true test. Typically, you'll have between 30 and 45 minutes to complete a few coding exercises on algorithms and data structures. Your general approach to problem-solving is carefully assessed in this round. Before starting to create the code, you will be prompted to brute force the answer.

Step 3: Local Interview

There are three basic rounds to the on-site interview at Dropbox. The exact number of rounds, however, can change based on the seniority of the job.

The coding phase:

It involves solving a few issues involving fundamental data structures and   algorithms.

The design round:

 It asks you to create any system you choose and then to talk about its scalability, latency, and security features.

The behavioral round:

It is where you are evaluated to see if you are a good fit by answering questions about your past experiences, work-life balance, connections with coworkers, and business culture, among other things.

Depending on the role and level you are applying for, there may be extra rounds. While IC-1 to IC-4 can have additional coding rounds, levels IC-5 and above often have an additional design round.

Step 4: Domain Examination

Hiring managers will assess your domain knowledge during a round of your on-site interview based on the particular domain to which you are applying. For instance, you might anticipate inquiries about domain ideas if you're applying for a Machine Learning role or a role specialized to a certain company product or service.

Relavent Links : https://www.interviewkickstart.com/interview-questions/dropbox-interviewquestions

Your opinion: one of the world's most valuable startups.

Company 2: MongoDB

Website: www.mongodb.com
Job Site: www.mongodb.com/careers
Glassdoor: glassdoor.com/HYPERLINK "https://www.glassdoor.com/Overview/Working-at-MongoDB-EI_IE433703.11,18.htm"Mongodb

Company Description:

In today's data-driven environment, an innovative developer database platform is essential, and that's exactly what MongoDB continues to provide. Working with clients in financial services, telecommunications, healthcare and other critical industries, its flagship Atlas, Enterprise Advanced and Community Edition offerings enable organizations worldwide to harness the transformative power of

data. First launched in 2007 in partnership with Internet advertising company DoubleClick, MongoDB leverages the latest technologies to help clients solve their most complex challenges.

Interview Process:

Step 1:
Tele/Video Call Interview. It must be noted that an interview is a resource and time-consuming process and one must employ methods that weed out misfits and weaker candidates effectively.

Step 2: Online task exam

Step 3: The Face-to-Face Interview.

Step 4: Interview Panel.

Step 5: Group Interview.

Step 6: Selection on Board

Relevant Links: https://www.mongodb.com/developer/languages/javascript/introduction-to-linked-lists-and-mongodb/.

Your opinion: Mongodb presents an impressive and attractive company culture that focuses on work-life balance through offerings such as a robust benefits package and high salary.

Company 3: Microsoft

Website: www.microsoft.com

Job Site: https://careers.microsoft.com/us/en

Glassdoor: https://www.indeed.com/cmp/Microsoft/reviews

Company Description:

Microsoft Corporation is a multinational technology company with its headquarters in Redmond, Washington, in the United States. It produces computer software, consumer electronics, personal computers, and related services. The Windows range of operating systems, the Microsoft Office package, and the Internet Explorer and Edge web browsers are some of its best-known software offerings. The Xbox video gaming consoles and the Microsoft Surface range of touchscreen personal PCs are its two main hardware offerings. Microsoft was the world's largest software company by revenue as of 2019; it was placed No. 21 in the Fortune 500 rankings of the largest American firms by total revenue in 2020[2]. Along with Alphabet, Amazon, Apple, and Meta, it is one of the Big Five American technological firms.

Interview Process:

Step 1: Phone screen

Microsoft Corporation is a multinational technology company with its headquarters in Redmond, Washington, in the United States. It produces computer software, consumer electronics, personal computers, and related services. The Windows range of operating systems, the Microsoft Office package, and the Internet Explorer and Edge web browsers are some of its best-known software offerings. The Xbox video gaming consoles and the Microsoft Surface range of touchscreen personal PCs are its two main hardware offerings. Microsoft was the world's largest software company by revenue as of 2019; it was placed No. 21 in the Fortune 500 rankings of the largest American firms by total revenue in 2020[2]. Along with Alphabet, Amazon, Apple, and Meta, it is one of the Big Five American technological firms.

Step 2: Phone interview

While this is most common in technical roles, other folks may also be asked to complete a phone interview. This will happen 1-2 weeks after your phone screen, if all goes well. The recruiter will share an agenda and potential questions/topics ahead of time. Remember that in each subsequent round, the people interviewing you are higher up in the organization.Therefore, make sure your communication skills are sharp and your professionalism shines through. For engineering roles: Engineers may be asked to do a second phone interview with a senior developer or engineering manager. Candidates are expected to understand data structures such as arrays, stacks, queues, linked lists and hash tables, as well as algorithms such as breadth-first search, depth-first search, quicksort, merge sort and divide and conquer.

Step 3: On-site interview

The majority of applicants who make it past the phone screening for non-developer roles will continue on to this phase. They will have an in-person interview in the Microsoft office they are applying for (in Seattle, Redmond, or the Bay Area), with all travel costs covered by the employer. The coronavirus epidemic is being covered by virtual interviews.

Step 4: HR interview

The majority of applicants who make it past the phone screening for non-developer roles will continue on to this phase. They will have an in-person interview in the Microsoft office they are applying for (in Seattle, Redmond, or the Bay Area), with all travel costs covered by the employer. The coronavirus epidemic is being covered by virtual interviews.

Relevant Links: https://candor.co/articles/interview-prep/decoding-the-interview-processat-microsoft-interview

Your opinion: This is a dream company

Bangladeshi Company

Company 4: Tiger IT

Website: https://www.tigerit.com/Job
Site: https://www.tigerit.com/projects.html
Glassdoor: https://www.glassdoor.com/Reviews/Tiger-IT-Reviews-E3037221.htm

Company Description:

Our highly skilled staff works in mission-critical settings with significant amounts of sensitive data in an effort to lower risk, boost efficiency, and advance sustainable business. We are trusted by federal, state, and local governments to develop and deploy end-to-end ID management solutions. We innovate not only in terms of technologies but also in terms of project management and solution delivery. TigerIT enjoys an outstanding reputation in the industry thanks to its competence in consulting, project management, training, and support as well as its unrelenting pursuit of customer satisfaction through the implementation of complex turnkey solutions on time, within budget, and according to specification.

Interview Process:

Step 1: Basics of Computer Science and Programming

Basic operating system topics like threads and multiprocessors, as well as specialized Python programming ideas like list comprehension, generators, and decorators, were covered by the interviewers' questions. They also posed a primary question, followed by numerous follow-up questions that were all related to specific scenarios.

Step 2: Test of problem-solving

The interviewers gave the candidates access to a Google Doc that featured six programming issues pertaining to data structures and algorithms (particularly greedy and graph theory). Candidates might use any programming language of their choice to tackle the tasks. Candidates choose to use Python to address the issues. While the candidate was coding the answer, the interviewers evaluated his approach to the solution. They questioned candidates in-depth over the solution approach and requested that Saif make a number of changes to his solution right away.

Step 3: Applications and Theory of Machine Learninge

The interviewers some questions on:

- Core linear algebra concepts such as singular value decomposition, linear transformations, and geometric perspective of eigenvalues
- Machine learning theory related questions such as the information-theoretic concept of cross-entropy loss, expected values, and conditional probabilities
- Application-related questions such as PyTorch concepts and optimizers.

Also, the interviews asked questions about research publications.

Relevant Links: https://tahanima.github.io/2021/01/16/recruitment-stories-experience-ofsaif-at-tigerit/

Your opinion: I have a interest on research and we know that it is a very good company for research .For this i have e interest on this.

Company 5 : LEADS Corporation Ltd.

Website: https://leads.com.bd/
Job Site: https://leads.com.bd/current-vacancies/
Glassdoor: https://www.glassdoor.com/Overview/Working-at-LEADS-Corporation-EI_IE1656067.11,28.htm

Company Description:

LEADS Corporation Limited is an innovation in Information Technologies, has achieved strong footprint in many industries, such as banking, insurance, LEADS is involved in designing, developing, implementing and maintaining business application software for both domestic and overseas markets.

Interview Process:

- written,
- technical interview,
- manager interview and
- at last interview with CEO

Relevant Links: https://www.glassdoor.com/Over HYPERLINK "https://www.glassdoor.com/Overview/Working-at-LEADS-Corporation-EI_IE1656067.11,28.htm"view/Working-at-LEADS-Corporation-EI_IE1656067.11,28.htm

Your opinion: One of the high ranking software companies in Bangladesh