IT Interview Questions

A Primer For The IT Job Interviews

By

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☼ CONCEPTS ☼ PROBLEMS ☼ INTERVIEW QUESTIONS

Acknowledgements

Mother and *father*, it is impossible to thank you adequately for everything you have done, from loving me unconditionally to raising me in a stable household, where you persistent efforts traditional values and taught your children to celebrate and embrace life. I could not have asked for better parents or role-models. You showed me that anything is possible with faith, hard work and determination.

This book would not have been possible without the help of many people. I would like to thank them for their efforts in improving the end result. Before we do so, however, I should mention that I have done my best to correct the mistakes that the reviewers have pointed out and to accurately describe the protocols and mechanisms. I alone am responsible for any remaining errors.

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Preface

Dear Reader,

Please Hold on! I know many people do not read the preface. But I would strongly recommend that you go through the preface of this book at least.

India has many of the key ingredients for making this transition. It has a critical mass of skilled, English-speaking knowledge workers, especially in the sciences. It has a well-functioning democracy. Its domestic market is one of the world's largest. It has a large and impressive scattering, creating valuable knowledge linkages and networks. In addition, the development of the IT sector in recent years has been remarkable. India has created profitable niches in information technology (IT) and is becoming a global provider of software services.

Many software companies hire graduates with different back-grounds computer science, electrical, civil, mechanical, B.E., B. Tech., MCAs, MBAs etc. The year 2013-14 characterizes a landmark year as aggregate revenue for the Indian IT-BPO sector is estimated to cross USD 120 billion.

India currently produces a solid core of knowledge workers in tertiary and scientific and technical education, although the country needs to do more to create a larger cadre of educated and agile workers who can adapt and use knowledge. Efforts have been put into establishing a top-quality university system that includes many world-class institutions of higher learning that are competitive and meritocratic, such as Indian Institutes of Technology (IITs), Indian Institutes of Management, Indian Institute of Science, and the National Institute of Technology (NITs). Despite these efforts, not all publicly funded universities or other educational institutions in India have been able to maintain high-quality standards or keep pace with developments in knowledge and technology.

IT Interview Questions try to facilitate pupils who arrive from colleges where they could not find proper assistance for career counselling.

There are hundreds of books on IT interviews already flooding the market. You may naturally wonder what the need of writing another book on IT interviews is! This book assumes you have basic knowledge about computer science. Main objective of the book is *not* to provide you the *catalog* of *IT interview questions* and *their answers*. Before writing the book, I set myself the following *goals*:

- The book be written in *such a way* that students from non-IT branches should be able to understand it *easily* and *completely*.
- The book should present the concepts in *simple* and straightforward manner with a *clear – cut* explanation.
- The book should provide enough *realtime* examples so that students get better understanding of the *IT interview questions* and also useful for the *campus/off-campus* interviews.
- It should challenge you to look at the small but signifcant changes you need to make to improve your impact at interviews.
- In this book you will learn all the secrets you need to know to help nail your job interview and get the job.

Please remember, the books which are available in the market are lacking one or many of these goals. This book is different from other books available on the market. The main goals of this book are to provide students with a good knowledge base, and to offer a better understanding to those new to IT. Based on my experience, I thought of writing this book aiming at achieving these goals in a simple way. A 3-stage formula is used in writing this book, i.e.

Concepts + Problems + Interview Questions

I used very simple language such that a school going student can also understand the concepts easily. Once the concept is discussed, it is then interlaced into problems. The solutions of each and every problem are well explained. Finally, interview questions with answers on every concept are covered. All the interview questions in this book are collected from various interviews conducted by top software development companies.

Interviewing is all about research, confidence and creating a good rapport. Everyone is nervous on interviews. If you simply allow yourself to feel nervous, you'll do much better. Remember also that it's difficult for the interviewer as well. In general, be upbeat and positive. Never be negative. As a job seeker if you read complete book with good understanding, I am sure you will challenge the interviewers and that is the objective of this book.

It is *recommended* that, at least *one complete* reading of this book is required to get full understanding of all the topics. In the *subsequent* readings, you can directly go to any chapter and refer. Even though, enough readings were given for correcting the errors, due to human tendency there could be some minor typos in the book. If any such typos found, they will be updated at *CareerMonk.com*. I request you to constantly monitor this site for any corrections, new problems and solutions. Also, please provide your valuable suggestions at: *Info@CareerMonk.com*.

Wish you all the best. I are sure that you will find this book useful.

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