Recruiting Software Development Masterclass

Course Overview:

Overview and Objectives:

Holistica brings you another world first! This is a course designed specifically for those recruiting in the rapidly evolving Software Development arena.

In terms of content, first we give you a quick overview of the basic concepts associated with software languages and development. This takes us on a journey through front end and back end development and to the world of Web development. From full stack Java developers to JavaScript and Node.js this course will ensure that recruiters leave with a solid grasp of what a developer's role is all about.

This is the most comprehensive course in the world in this area. Designed for the recruitment industry, it will teach you everything you need to know in order to confidently discuss software requirements with candidates and clients alike.

Pre-requisites:

There are no pre-requisites for attending this course, however we prefer that you have had some exposure to telecoms services or products at a recruiting level.

Format:

This is a highly interactive one day course with quizzes and recruitment based discussion throughout the day. This is currently a one-day course which is only delivered on-site at your premises.

Courseware

A booklet with slides and instructional notes is provided, as well as copies of quizzes and workshops.

Course overview:

Software Fundamentals

- Defining software within the IT Fundamental Framework
- The three layer anatomy of software
- The five generations of languages

Front End Development

- Programming the GUI
- Visual Studio.NET
- Designing for the API
- Common APIs including Facebook and Amazon
- Getting around the constraints of the API
- The journey from Winforms to Windows Communication Foundation (WCF)
- Windows Presentation Foundation (WPF)

Back End Development

- From C through Java to Ruby
- A journey through language evolution
- The power of C
- Client Server, 3-tier and n-tier application development
- Methodologies, Frameworks and SDKs
- The rise of the Programming Paradigms
- SOLID, MVC
- Agile, Scrum, TDD and DevOps

Web Development and Scripting

- The journey from HTML to SPA (Single Page Applications)
- CSS, XML ASP.NET
- Why is JavaScript so popular?
- JSON
- The rise and rise of Angular, Node JS and other libraries
- Full Stack with JavaScript
- The beauty of ASP.NET in detail
- PHP in detail (Frameworks, strengths and weaknesses)
- Scala in detail (Frameworks, strengths and weaknesses)
- Python in detail (Frameworks, strengths and weaknesses)
- Mobile development – Android and iOS
- Microservices, Containers and Continuous Delivery, Docker

Java versus .NET and C#

- Understanding Object Oriented Development methods (OO)
- Java and re-usable class libraries
- Multi-threading, concurrency and low latency
- .NET versus Java and JEE
- SOLID, GRASP
- Model View Controller (MVC) in detail

Development Approaches

- How the world is changing and why.
- Agile and DevOps in details
- The strengths and weaknesses of the approaches
- How to vary your recruitment approach to each

Workshops and discussion throughout the day.

Content and sequence may vary slightly at the trainer's discretion and audience need.