What is Software Engineering + What is FSD

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Agenda

Software development : What | Why

Software jobs in 2022 and beyond

Full Stack Development : What | Why | How ?

Career trajectory of FSD

Deep dive of this FSD Relevel course

Understanding the structure of Relevel test

Get your doubts clarified - AMA

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Software Development | What ?

Everyone Should Know How To Program A Computer, Because It Teaches You How To Think !

Steve Jobs

Software

It's basically the combination of instructions and data that tells the computer how to operate/execute

Activities involved for creating, designing, deploying and supporting above software is called as **Software development.**

Software Development | Why ?

Motivations :

- It brings great power. One can literally make anything, from a simple blogging website to a complex search engine
- Allows you to make your product/ideas reach all nooks and corners of the world.
- To become a software developer, neither does your age or self-perceived intellectual capability matters. So literally any one can become a Software developer. All it takes, is a computer, internet and the interest
- And the most important, a lot of money !!!! Software development jobs are one of the highly paid job offerings

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Software jobs in 2022 and beyond

How software jobs has evolved in the last couple of years ?

Whole world has witnessed the unprecedented impacts of Covid-19. It has badly impacted almost all the countries and their economies. It had the similar impacts on the IT sector as well. Few of the major changes that happened in the last couple of years have been :

- Moving from offline to Online recruitment/interviews.
- Work from home getting well accepted.
- Distributed team and remote communications.

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Software jobs in 2022 and beyond

High points of Software jobs in these testing times :

- When almost all the sectors saw decline, Software jobs almost remained immune to this Covid disruptions
- Software industry is built on the principle of change. When the whole world was going through the extremely tough phase of change, it was comparatively easy for the Software based jobs to adapt.

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Software jobs in 2022 and beyond

Job prospects :

- Since most of the companies have realized the potential of the internet in this era of multiple lockdowns, more and more companies are getting online, meaning more software development opportunities.

- Demand for software developers has never been this higher. And this will continue for many coming years

- Whole world has accepted the possibility of remote working. This has opened global opportunities for everyone. What it means is, now we can sit in a small town in India and still work for an MNC operating from another part of the World.

Software jobs in 2022 and beyond

We know, there's a lot of opportunities in coming years, but is it really easy ?

Challenges :

- Very high competition

- Evolving technologies

- Lack of awareness about the right technologies

So we need to have what the industry demands to be successful in 2022 and beyond !

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Full Stack Development

It's mostly used in the context of the Web Applications, for example : www.linkedln.com

A web application comprises of mainly
three parts :
- Front end
- Back end
- Database

A full stack development requires a good understanding of all these three facets of a Web Application

Full Stack Development

Why full stack development is in so much demand ?

- Companies get more from each employee, if they hire a FS engineer. So hiring a FS Engineers are the obvious choice for many companies

- You get more employable, as you can easily fit in any kind of role be it FE or BE

- Better understanding of the complete Web Application development

- You are only limited by your imaginations. Power to build anything and everything

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Full Stack Development

How to become a better FS Engineer

- Understanding of Front End technologies
- Understanding of Back End technologies
- Understanding of Databases

+

- Computer Science fundamentals
- Data Structure and Algorithms
- System Design

In this course we have got you all covered. One of the World's best course to accelerate your career in the world of Full Stack Development

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Full Stack Engineer career trajectory

- Huge demand for the freshers and mid experience people for the full stack development roles
- Easy to adapt in any company for the FSDs
- Hot favourites in the world of startups.
- Almost every company has the openings for the FSDs
- Higher demands means higher salary. FSDs are being highly paid in the industry across the globe.
- Since FDS, toch multiple channels in a company, resulting in better contributions and higher growth.

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A general FSDs career growth in a company might look like below :

FSD I (0-2 years) -> FSD II (2-5 years) -> Senior FSD (4-7) -> Staff Engineer (6 -11) -> Senior Staff (10 +) -> Distinguished Engineer

This is very generic and just for reference. The designation might change from one company to another

What's in store, in this course ?

- In this course we have got you all covered. One of the World's best course to accelerate your career in the world of Full Stack Development

- It doesn't matter what your college major was, or where you are currently working. Neither does your age or self perceived intellectual capability. With our world class industry vetted curriculum, literally anyone can learn to program and succeed as a FSD

- The course starts with the basics and takes you deep inside the intricacies of software development. We believe in learning by doing and in the process provides you the first hand experience of solving industry problems

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Flow of the FSD course

Programming Fundamentals - *Helps to get you ready for the course*

⇩

Ecommerce Application - *Learn by doing End to End Development*

⇩

CRM Application - *Learn by doing End to End Development*

⇩

Movie Booking Application - *Learn by doing End to End Development*

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Along the process learn :

- Computer fundamentals
- Practical understanding of database
- Data Structure and Algorithms
- System Design
- Resume preparations
- Interview readiness
- Relevel test preparation

Relevel - Full Stack Development Test

How to get your dream job?

1 **Book a Test**
Explore career opportunities and schedule a Test as per your convenience

2 **Take the Test**
Score more than 700 out of 1000 in the Relevel Test to qualify for placements

3 **Interview with companies**
Once qualified, get auto-matched with the best companies and start interviewing immediately

4 **Get hired**
Receive multiple job offers by leading companies and choose the one best suited to your career goals

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Relevel - Full Stack Development Test

Skills required :

Programming Fundamentals

Test programming fundamentals like arrays, logical operators, conditional statements, etc.

Data Structures and Algorithms

Showcase your problem solving skills using lists, stacks, trees, queues, etc.

HTML,CSS and React.js

Test your understanding of frontend tools

Node.js or Python or Java

Showcase your understanding of backend tools

Relevel - Full Stack Development Test | Phase 1

Phase - I   Get 150+ out of 300 to qualify for Phase II

ROUND 1   ✓ 100 Marks 🕐 45 mins

Back to basics   Programming Fundamentals

An MCQ round of 40 questions to test your
knowledge of programming fundamentals

ROUND 2   ✓ 200 Marks 🕐 90 mins

Assess your algo   DSA

A DSA round with two problems to test your
coding skills in a high pressure situation

Relevel - Full Stack Development Test | Phase 2

Phase - II   Get 700+ out of 1000 to qualify for Relevel Placements

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ROUND 3   ✓ 250 Marks 🕐 120 mins

Building the back

A round designed to test your ability to build   Code Quality   Backend Development
backend features for an existing web application

ROUND 4   ✓ 250 Marks 🕐 120 mins

Creation of the front

A round designed to test your ability to build   Code Quality   Frontend Development
frontend features for an existing web application

ROUND 5   ✓ 200 Marks 🕐 60 mins

Face the interview

An interview round with an experienced engineer to assess   Programming Fundamentals
your knowledge on the specific tech stacks used for frontend
and backend   Fundamentals of Full Stack Development

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Ask Me Anything .....

"If you think education is expensive — try ignorance."

THANK YOU