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Executive Programme in

FULL STACK Development



About THINKWorks

THINKWorks is a premier training organisation promoted by EduCADD, pioneers in skill based training for over 2 decades, with over 90 plus location across three countries.

THINKWorks offers career oriented courses in most in demand domains for aspiring professionals. Through our wide network of centers we offer offline and mentored online training. Our commitment to creating lifelong learners has powered us to leverage technology with a 3 pronged approach of Learning Educate - Enable - Employ.



Why THINKWorks?

THINKWorks offers specialized programs in trending technologies like Full Stack Development, Cyber Security, Digital marketing, RDBMS and Programming Languages. Our programs offer combination of core Computer Science concepts, development principles and industry led hands-on application development experience. Additionally, learners will get opportunities to work on industry relevant projects and interact with industry experts through THINKWork's strong industry network. The program has been designed keeping in mind that the future belongs to the software developers who can think and implement end-to-end.

Our Model

Educate -

A periodic learning on a regular basis, helps in more adoption of contents by human brain, daily assignments based on the topic covered for maximum attention during training.

Enable -

Live projects and internship enables participants to learn and adapt professional values, experience and practice empower students to gain much needed software skills.

Employ -

Certified candidates with overall performance of > 80 % gets opportunity to give interviews in software companies. >95% performance smoothens the possibility of direct appointment with software companies.

WHAT IS

FULL STACK DEVELOPMENT

A full-stack developer is a programmer who has the basic knowledge for all layers of an application



This Hybrid Program is a comprehensive, 486 hour deep-dive into full stack development which will enable you get maximum relevant industry exposure and is geared to get you job-ready for careers in front end, backend and database management as well.

Full stack development refers to the development of both front-end and back-end portions of a web application. The front-end technologies deal with user interface while the back-end technologies look mainly after logic, interaction with database, user management and server configuration.

Full stack web developers have the ability to design web application and websites end to end. They work on the frontend, backend, database and debugging of web application or websites.

Technology related to full stack development:

Front end: It is the visible part of website or web application which is responsible for user experience. The user directly interacts with the front end portion of the web application or website.

Back end: It refers to the server-side development of web application or website with a primary focus on how the website works. It is responsible for managing the database through queries and APIs by client-side commands.

WHAT DO

FULL STACK DEVELOPERS DO?

Full Stack Development consists of development of application in all levels and layers.



Front End



Back End



Data Base

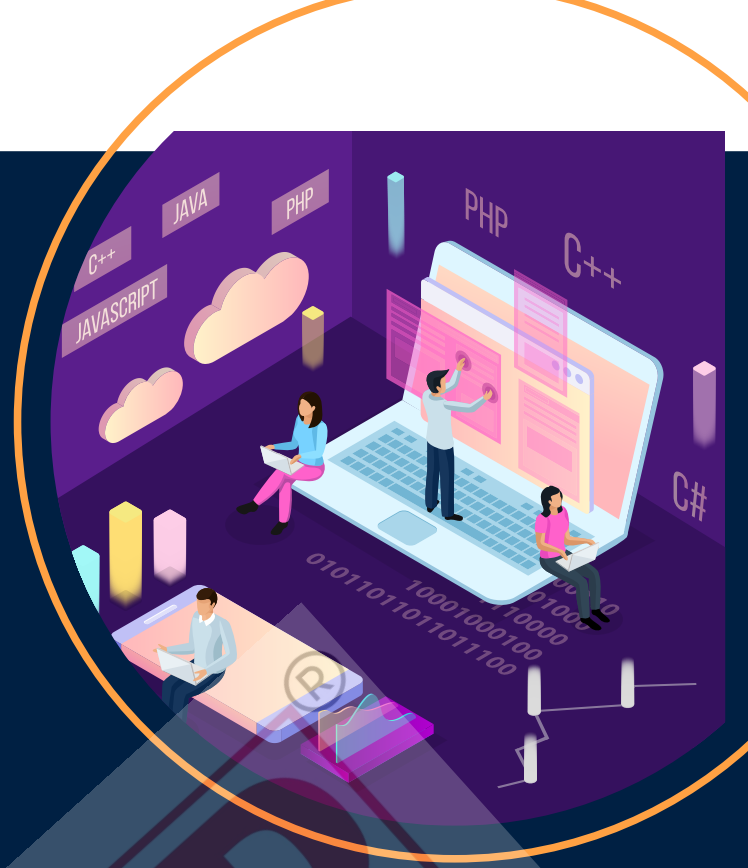
Full Stack development means contributing to all dimensions of software preparation. This could involve simple UX design to internal programming required for the software to work.

- The main duty of full stack web developers are to plan and provide full stack applications of the web. They write computer programs, modify and maintain prevailing programs as engaged.
- A Full Stack Developer designs overall architecture of the web application.
- A key feature of FS Developer's role is to maintain quality and ensure responsiveness of applications.
- They collaborate with the rest of the engineering team to design and launch new features.
- FSD's are required to maintain code integrity across applications.
- They work with graphic designers and convert design to visual elements.
- They understand and implement security and data protection.
- Full stack developers can define an application and their scope as well. They create functional and technical specifications for the application.
- Full stack developers can easily figure out any challenge when it comes to web development depending on their experience and that is how they can co-ordinate with the team.

WHY

FULL STACK DEVELOPMENT

Full Stack Development have become the preferred hiring choice for large technology companies and startups.



TCS/
Infosys

Wipro/
HCL

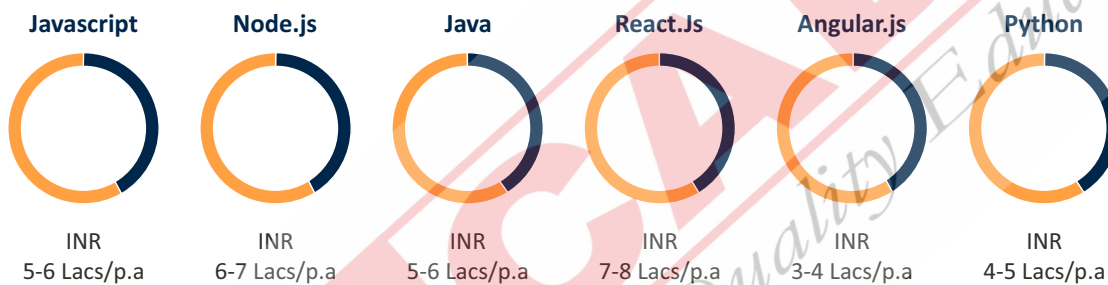
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Mphasis

3i Infotech/
L&T infotech

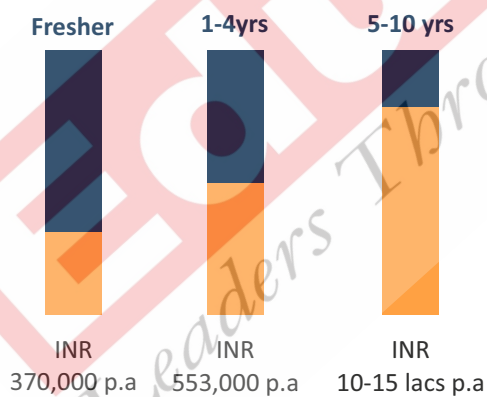
Mindtree/
Accenture

Cognizant/
Honeywell

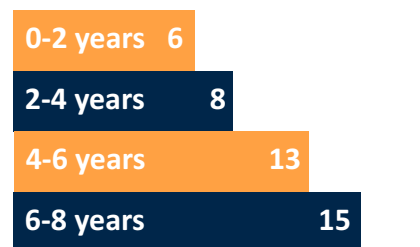
Salary Based on Skills



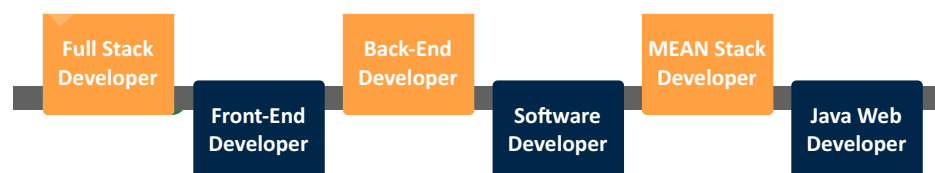
Salary Based on Experience



Full Stack Developer Salary in INR Lakh in India - 2022



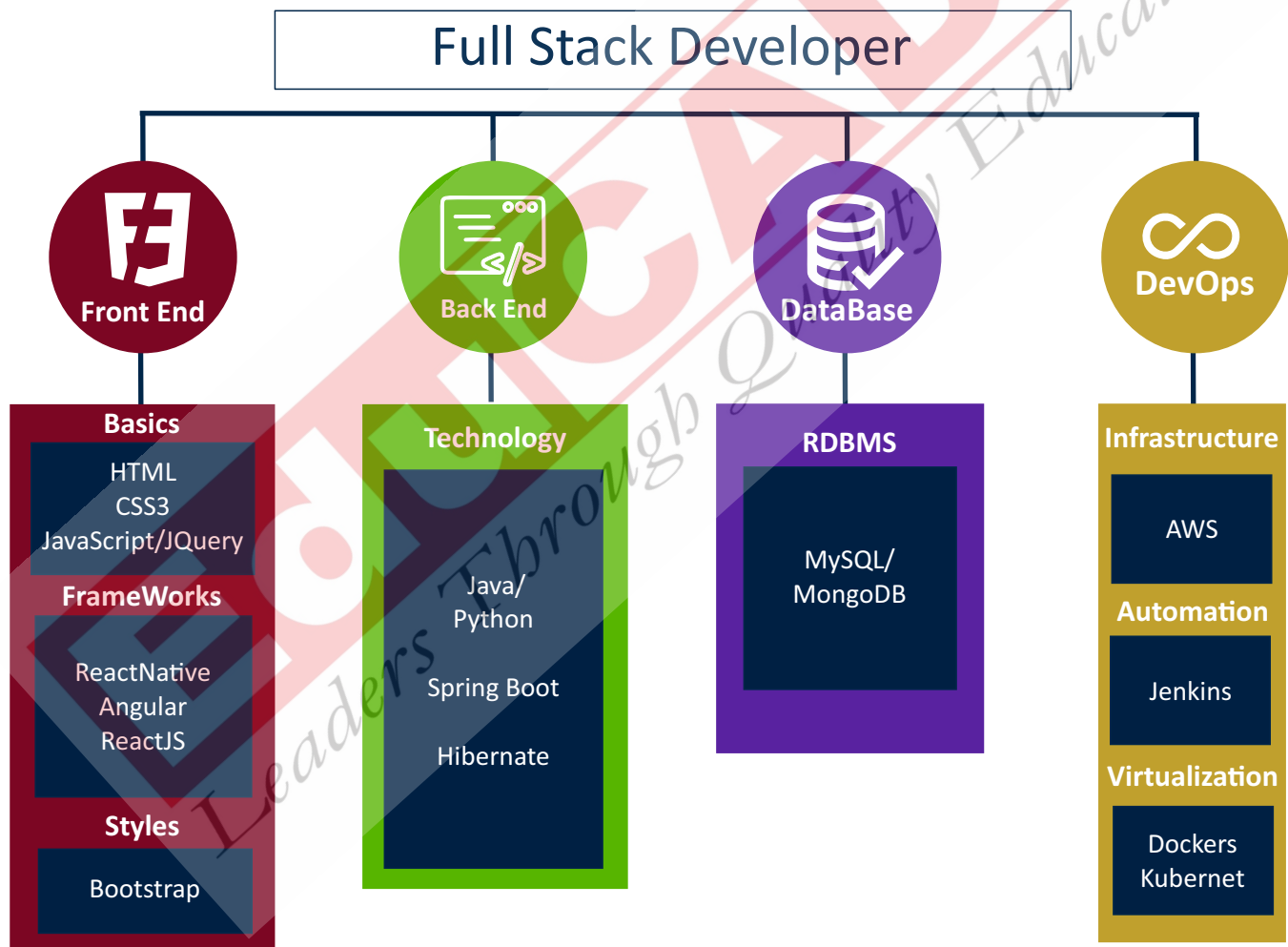
Diverse Job Roles



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KEY HIGHLIGHTS

- 486 hours of immersive learning with assessment at the end of every sessions
- Curriculum curated by highly qualified industry experts and delivered by field proven instructors.
- Guaranteed placement through ACREED program
- Interest free finance options available
- Live Project as a part of the learning program



PROGRAM CURRICULUM

MODULE 1

140 Hours

Course Fee



Skills Covered:

MODULE 1 - Front End Technologies

1. Basics (90 Hours)

- ♦ HTML 5
- ♦ CSS 3
- ♦ JavaScript/jQuery

CSS (cascading style sheets): The language used to create the layout, color, style, and so on of the pages you create with HTML

HTML (hypertext markup language): The basic building block needed to develop websites, a language that allows you to make notes in digital documents that are different from regular text

JavaScript: The programming language of developers that determines what the page will do
jQuery is a fast, small, and feature-rich JavaScript library. It makes things like HTML document traversal and manipulation, event handling.

2. FrameWorks (40 Hours)

- ♦ ReactNative/Angular/ReactJS

React Native: used to develop applications for Android, Android TV, iOS, macOS, tvOS, Web, Windows and UWP by enabling developers to use the React framework along with native platform

Angular: It is used for developing single page applications employing TypeScript and HTML template language.

ReactJS: React allows developers to create large web applications which can change data, without reloading the page. The main purpose of React is to be fast, scalable, and simple. It works only on user interfaces in application.

3. Styles (10 Hours)

- ♦ Bootstrap

Bootstrap: Quickly design and customize responsive mobile-first sites with Bootstrap the world's most popular front-end.

PROGRAM CURRICULUM

MODULE 2

200 Hours

Course Fee



Skills Covered:

MODULE 2 - Back End Technologies

1. Server Side Scripting (120 Hours)

♦ JAVA/PYTHON (Any One)

Java: Java is one of the most popular programming language and one of the main reasons it is so popular is that it is platform-independent and object oriented Programming language.

Python: language that is being preferred for backend development, specifically in current times is Python. It is a high-level, general-purpose programming language that supports multiple programming paradigms such as Object-Oriented, Procedural and Functional.

2. Server Side FrameWork (80 Hours)

♦ Java frameworks(Spring and Hibernate)

Hibernate ORM: is a stable object-relational mapping framework for Java. It makes better communication possible between the Java programming language and relational database management systems (RDBMS).

Spring: This framework is very popular among developers for its speed, simplicity, and productivity which helps to create enterprise-level web applications with complete ease.

PROGRAM CURRICULUM

MODULE 3

50 Hours

Course Fee



Skills Covered:

MODULE 3 - Database

1. Databases : SQL (50 Hours)

♦ MySQL or MongoDB

MySQL: Explore, modify and export data from databases in MySQL. Learn foundation concepts like Tables, data types and queries and advanced techniques like join statements, subqueries and stored procedures. MySQL is a relational database management system based on the Structured Query Language. MySQL is a Relational Database Management System (RDBMS) software that allows user to implement the database.

2. Databases NoSQL

MongoDB: it is an open-source document database and leading NoSQL database. It is a distributed database at its core, so high availability, horizontal scaling, and geographic distribution are built-in and easy to use. You will get an understanding of NoSQL databases, design goals, requirement of NoSQL database/MongoDB, MongoDB architecture and introduction to JSON and BSON among others. It create and deploy a highly scalable and performance-oriented database.

PROGRAM CURRICULUM

MODULE 4

60 Hours

Course Fee



Skills Covered:

MODULE 4 - Devops

1. Infrastructure (25 Hours)

AWS: (Amazon Web Service) is a cloud computing platform that enables users to access on demand computing services like database storage, virtual cloud server, etc. This course will give an in-depth knowledge on EC2 instance as well as useful strategy on how to build and modify instance for your own applications.

2. Automation (10 Hours)

Jenkins: You will learn about continuous integration (CI) and Continuous Delivery (CD) workflows using the Jenkins automation server. You will be introduced to Jenkins and its architecture and you will learn how to navigate Jenkins UI and configure-manage Jenkins. You will also be taught how to create and configure a Jenkins job.

3 Virtualization (25 Hours)

♦ **Dockers Kubernetes:** You will learn the skills required in building, testing and deploying Docker applications with Kubernetes. The course provides basic fundamental knowledge of docker and deep dives into inner workings of containers, docker CLI commands, docker monitoring, Kubernetes commands and much more.

ACCRED PLACEMENT PROGRAM

36 Hours

Course Fee

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NEW - AGE PROGRAMS

360° UPSKILLING

ASSURED JOBS

ACCRED Placement program is intended to train and empower learners gain much needed industry and employability skills, soft skills, interpersonal skills, social skills, emotional intelligence and interpersonal intelligence. People skill is often the most serious deterrent which decides the outcome of an interview or a presentation which can help learners to get placed.



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SAMPLE CERTIFICATE



Industry Endorsed Curriculum



Career Mentorship



Interaction with Industry Experts



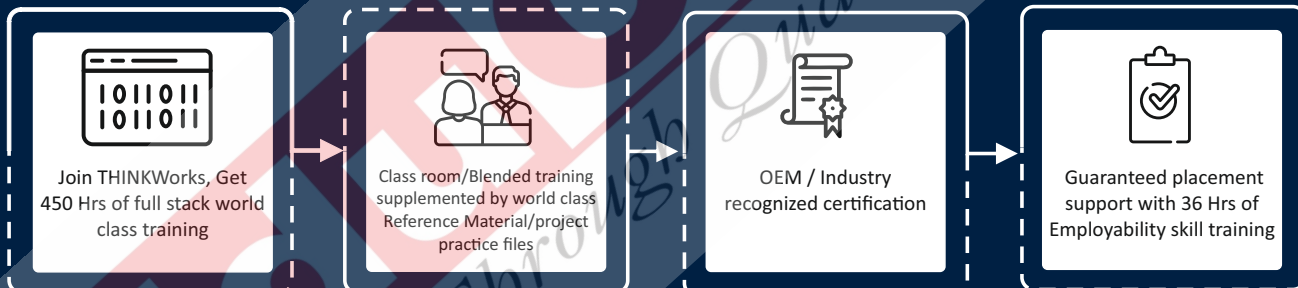
Classroom Based Learning model



Interest Free Finance Option

Develop in-demand skills, validate your knowledge and showcase your expertise by earning a globally recognized certification with 100% guaranteed placement opportunities.

ADMISSION PROCESS



Contact Details

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