LEARN 2 EARN LABS

Become an In-Demand
Software Engineer

with Average Salary Package of INR 10,00,000

Curriculum Brochure

Become an In-Demand Software Engineer

Nowadays, the IT industry plays a vital role to any organization in increasing productivity, managing business operations, providing services and growing economically in the competitive world.

Almost every organization is looking for those software professionals who can work on whole projects, from understanding the client requirements to successful deployment and delivery. These professionals are In-Demand and the organizations are offering high-salary packages & pleasant perks to them. Getting a skilled professional is really a challenge for any organization, so they are also offering a huge amount to various recruitment agencies and recruiters in finding those professionals.

In general, the developers who work on web services usually stick with front-end components or back-end logic or development operations and face difficulty. The same problem also occurs with others when they stick with the requirements & processes belonging to different domains. But a full stack professional is someone who handles and manages most of the operations, that's why they are in demand.

So if you have enough skills, sound knowledge and relevant experience then you will definitely have a decent career and offers to work with reputed companies on handsome salary.

As a full stack software professional, you have many different specialisations so you will have different options to start your career.

Middle Level Career Options

- Full Stack Developer
- System Engineer
- SDE – I / II
- Front End Developer
- Back End Developer
- System Architect
- Web Designer / Developer

Top Level Career Options

- SDE – III
- Project Consultant
- Enterprise Architect
- Team Leader
- Project Manager
- CTO

There is a huge demand of **Full Stack Software Professional**

Get Real Work Experience

Our USP is to give students, deep practical knowledge in a specific domain and help them getting their dream jobs.

During training programs, students work on projects to improve their skills & to get the real work experience.

- **Practice**, what you learn
- **Implement**, what you practice
- **Present**, what you implement

Know Your Career Path with Learn2Earn Labs

Learning & Implementation

Live Training Sessions
To give you practical knowledge and to understand your doubts.

Assignments & Projects
So you can implement your learnings and improve your hands-on experience.

Career Assistance

Consultation Session
Get mentored by our experts and know how to achieve your desired goal

Professional Portfolio
Learn how to design & build a portfolio to showcase your skills and to attract the recruiters.

Interview Preparation
Prepare yourself for interview on the basis of interview questions, professional development training, mock interviews, presentation sessions, etc.
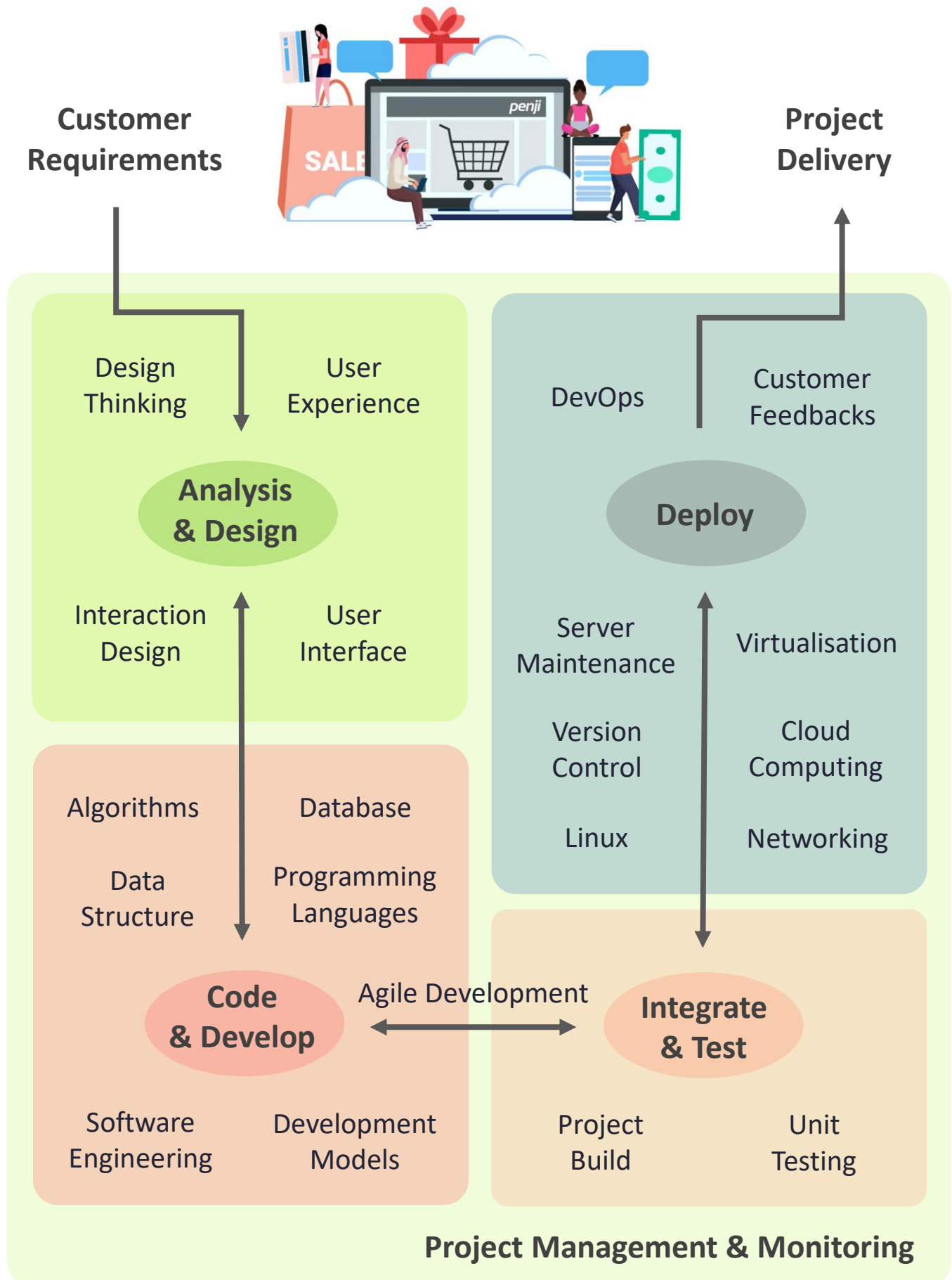
Support & Networking

Job Recommendations
Based upon your performance and exam results your profile would be recommended in our corporate network.

Networking
Build your network with corporate professionals, HR Managers & Recruiters.

Development Process

Customer Requirements

Project Delivery

Analysis & Design

Design Thinking

User Experience

Interaction Design

User Interface

Deploy

DevOps

Customer Feedbacks

Server Maintenance

Virtualisation

Version Control

Cloud Computing

Linux

Networking

Code & Develop

Algorithms

Database

Data Structure

Programming Languages

Software Engineering

Development Models

Agile Development

Integrate & Test

Project Build

Unit Testing

Project Management & Monitoring

Front-End

HTML 5 · CSS 3 · JS 5 · B · React

Back-End

Java · Java EE

spring

API, Web Services & Micro Services

HIBERNATE

Project Management & Monitoring

Jira Software

Database

MySQL · MongoDB

Ubuntu

Linux & Cloud

aws

DevOps

GitHub · docker · Jenkins · kubernetes

DevOps
plan · monitor · operate · deploy · release · test · build · code

Available Training & Mentorship Programs to become an In-Demand Software Engineer

Program	Hands-On Training	Mentorship
Duration Required	600 Hours	750 Hours
Live Sessions	15 Hours Per Week	2 Hours Per Week
Session/Practice Ratio	1 : 2	1 : 10
Timings	Week-days (Mon - Fri)	Week-ends (Sat - Sun)
Activities	Live Classes (Online / Offline), Doubts Sessions, Presentations, Mock Interviews, Dummy & Live Projects, Professional Developme -nt Training, Assignments.	Weekend Live Sessions, Practical Assignments, & Task Management, Video Tutorials, Learning References & Dummy Projects.
Amenities	Video Resume, Portfolio, Working Experience* (based upon projects), Interview Questions, Technical Support, Job Notifications.	
Outcome	Valid Certifications & Experience	Valid Certification

Benefits / Perks with Learn2Earn Labs Training Program

Hands-On Training

Working Experience

Valid Certification

Corporate Connections

Attractive Portfolio

Video Resume

Professional Development

Interview Preparation

Capstone projects
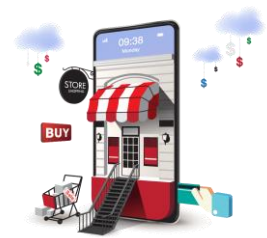
Hands-on practical experience

E-Commerce

Informative Blog

LMS Portal

Food Ordering

Enhance your knowledge

Under the guidance of

Mr. Mohit Singh
[M.Tech, B.Tech (Computer Science & Engg.]

He has a great experienced in training & development. He has trained thousands of students & hundreds of employed professionals.

He is also recognized as Mentor on MEITY Startup Hub Portal (Ministry of Electronics & Information Technology, Govt. of India) and works in the area of EdTech, Innovation, Skill Development & Job Oriented Training Programs.

Get to know in details about

Full stack software engineering professional

Join Now

and Get Cashback upto ₹ 30,000

To avail this offer, complete your registration process and grab the chance before it's too late.

Hands-on Training
of 600 hours duration

To get the real work Experience

₹ 99,999
Inclusive all the taxes

[40% cashback available]

Mentorship
of 750 hours duration

To know how to learn & how to implement

₹ 49,999
Inclusive all the taxes

[50% cashback available]

Training Modules

Objectives :

- To offer a complete set of software development skills, hand-on experience and make you job ready.
- To give you a deep practical knowledge of front end development, middleware, back end development & development operations.
- To make you capable to build an end-to-end integrated application & deploy the application upon server.
- To improve your analytical & creative thinking to design a useful application which the user love.
- To make you more confident about your talent and skill to get your dream job easily.

Module 1 : Object Oriented Programming & Java Concepts

Introduction to Object Oriented Programming & Java, methods, variables, constructor & blocks, control flow (if-else, switch, while loop, do while loop, for loop, return, break, continue, etc.), OOPS concepts (Inheritance, Polymorphism, Encapsulation & abstraction), Inner classes (regular, method local, static, & anonymous), Inner interfaces, Wrapper classes, String Handling, Exception Handling, Multithreading, File Handling, Input-Output.

Introduction to GUI, component, container, AWT, Java Foundation Classes (swing), Layout Managers, Event Handling, Event Listeners and Handlers, Adapter Classes, Lambda Expression, Serialization, Regular Expression.

Module 2 : Generics & Collection Framework

Introduction to Enumeration, Enum examples & use cases, Introduction to Generics, Time Safety, Type Casting, Generic Methods.

Introduction to Collection Framework, Arrays vs Collections, Key Interfaces, List, Set, SortedSet, NavigableSet, Queue, Map, SortedMap, NavigableMap, ArrayList and Vector, Stack, LinkedList, Iterator, ListIterator, HashSet, LinkedHashSet, SortedSet, TreeSet, Concurrent Collections.

Module 3 : MySQL Database & Java Database Connectivity (JDBC)

Introduction to Database & MySQL, MySQL Installation, MySQL Structure, Schema (Create, Drop & User Database), Table Operations, Create, Drop, Alter, Rename, Update, Add, Column Insert, Update, Delete, Select, Where, AND, OR, NOT, In, Between, Limit, Order By, Offset, Count, Sum, Avg, Min, Max, Nested Queries, Clause, Search Pattern, Foreign Key & Joins.

Introduction to JDBC, JDBC drivers, Required Interfaces, Execute methods, CRUD operations, Aggregate functions, Transaction Management, PreparedStatement, stored procedures, callable statement, batch updates, date values, BLOB & CLOB, connection pooling, transaction management & savepoints, MetaData, ResultSet types, RowSets and RowID

Module 4 : Hypertext Markup Language (HTML)

Introduction to HTML5, Environmental setup of HTML5, HTML tags, elements and attributes, Syntax of HTML, Custom Attributes, Line Breaks, Spacing & Comments, HTML head tag, Setting Website Icon & Title, Background Images & Colors, Block & Inline Level Elements, Text Formatting Tags, Heading & Quotes, Images, Linking Web Pages, Creating Lists, Play Audio & Video, Embedding External Content, Creating Tables, Forms & Inputs, Semantic Elements, Using Emoji, Entities & Symbols in Website.

Module 5 : Cascading Style Sheets (CSS)

Introduction to CSS3, CSS3 Environmental Setup with HTML5, Linking CSS3 with HTML5, Priority of CSS3 Stylesheets, Comments in CSS3 Properties & Selectors in CSS3, CSS "IMPORTANT" Rule, Priority of CSS Stylesheets according to Selectors, Text Colors & Transparency in CSS3, CSS Dimensions & Units, Shorthand Properties Backgrounds, Gradients Properties, Text Styling, Text Fonts, Google Fonts & Icons.

CSS3 Box Model (Border, Margin, Padding, Shadowing, Redefining box-width, outlines etc.) Floats, Clear & Overflow, CSS3 Display Property, CSS Element Visibility, Position & Layering, Transitions & Animations, Creating Column Layouts, CSS Counters, Creating Tables Using CSS, Transforming CSS Elements, Clipping, Shaping, Masking & Filters, Modular CSS, CSS3 Miscellaneous (Vendor & Autoprefixing, Initial, Inherit & Auto, Misc. Properties, Misc. Pseudo Elements, Misc. Pseudo Classes etc.)

Module 6 : Bootstrap

Introduction to Bootstrap, Web Design – Wireframing, Navigation Bar, Grid Layout System, Bootstrap Containers, Bootstrap Buttons, Font Awesome, Styling, Bootstrap Carousel, Cards, Media Query Break Points, Combining Selectors, Selector Priority.

Module 7 : JavaScript

Introductions to JavaScript, Variables, let & const keyword, string handling, operators, control flow (if-else, switch, while loop, do while loop, for loop, break, continue, etc.), Array operations, objects & functions, scopes, methods (forEach, sort, find, some, fill, splice, map, filter, reduce, call, apply, bind, etc.).

Object cloning, keyword (this, new, class, extends & super) , arrow functions, function declarations & expressions, getter & setter methods, static methods, closures, Document Object Model, DOM Manipulation using JavaScript, attributes, Lists, JavaScript Events, callbacks, promise, Introduction of AJAX & ES6.

Module 8 : Servlet & Java Server Pages

Introduction to Servlet, Application types, web application directory structure, servlet execution, important methods, servlet communications, CRUD Operations, RequestDispatcher, Servlet Filters, Session Tracking, URL Rewriting, cookies, hidden form fields, Servlet Listeners & Events, Annotations in Servlet.

Introduction to JSP, Servlet vs JSP, Model Architecture, Scripting Elements (Scriptlets, Expression, Declarations, Comments), JSP Implicit Object, JSP Directives (page, include, taglib), JSP scopes (Page, Request, Session, Application), JSP Actions (standard, custom), Exception handling, JSTL (Core tags, SQL tags, xml tags, function tags, etc

Module 9 : MongoDB

Introduction to MongoDB, SQL vs NoSQL, Shell, Operations (Create, Read, Update, Delete, etc), Relationships in MongoDB, Native MongoDB Driver.

Module 10 : React JS

Introduction to React, JSX & Babel, Expressions, JSX Attributes, React Elements, Inline Styling, React Components, JavaScript ES6 (import, export & modules), Environment Setup, React Props, DevTools, ES6 Map_Filter_Reduce, ES6 Arrow functions, Conditional Rendering, React State, React Hooks – useState, Event Handling, React Forms, Class Component Vs Functional Component, ES6 Spread Operator, Component Tree.

Module 11 : Spring

Introduction to Spring, Dependency Injection, Data Integration, IOC Container, Maven Project for Spring & Dependencies, Spring Configuration, Injecting Collections, Injecting Reference Type & Constructor, Spring Bean, Life Cycle Methods, Annotations, Spring Bean Scope, Spring Expression Language.

Introduction to Spring JDBC, Database Setup, CRUD Operations, Row Mapper, Introduction to Spring ORM, CRUD Operations using Spring ORM, Introduction to Spring MVC, MVC Design Pattern, Tomcat Configuration, JSP Expression Language, JSTL, Handling Forms, Redirecting in Spring MVC, Error Handling, Exception Handling, Spring MVC Interceptor, Aspect Oriented Programming (AOP).

Module 12 : Spring Boot

Introduction to Spring Boot, Auto Configuration, Spring Initializr, Spring Tool Suite, JSP view, Introduction to JPA, Repository, DB Configuration, CRUD Operations, Custom Finder Methods, JPQL and Native Queries, Introduction to API & Web Services, Understand REST API, Spring Boot Dev Tools, Creating REST API (get functionality, PostMapping, DeleteMapping, PutMapping, ResponseEntity), Server Side Form Validation, Spring Security, Role Based Authorization, Login Functionality, Configuration and Customization, Introduction to JWT, JWT Authentication, Unit Testing of Spring Boot Projects.

Module 13 : Hibernate

Introduction to Hibernate & ORM Tool, Maven Project for Hibernate & Dependencies, Hibernate Configuration, Annotations, Saving data and images, Object Fetching (get & load method), embedding objects, Hibernate Mapping (one to one, one to many & many to many), Lazy & Eager Loading, Hibernate Object States, Introduction to HQL (Hibernate Query Language), Native SQL Queries, Cascading, Cashing, Hibernate Criteria API, Hibernate Integration with Spring MVC.

Module 14 : Linux

Introduction to Linux, Linux Distributions & Shell, Virtual Machine & Installation, vim editor, Linux Commands, Directory Structure, File System, User Management, Group Management, Password Properties, Managing Permissions, ACL, Managing Processes, Managing Partitions, Managing Softwares, Links & Tar, Logs, Logical Volume Manager, Scheduling Tasks, Kernel, Http Configuration, Firewall Configuration, Password Resetting, Shell Scripting.

Module 15 : Cloud Computing & AWS

Introduction to AWS & Cloud Computing, IAM, Roles, Policies and Access Management, Billing Dashboard & Free Tier Services, EC2 Fundamentals, Instance creation, SSH, AMI Types & Security Key Pairs, S3 Buckets & objects, storage classes, Load Balancing, access lists & policies, security & encryption, cross region replication, s3 versioning control, AWS snowball, CloudFront, AWS Databases, Dynamo DB, Redshift, Aurora, RDS Instance, RDS Encryption & Security, RDS Backups, ElastiCache, CloudWatch & Cloud Trail, Virtual Private Cloud (VPC), NAT Gateway, Network ACL, VPN & VPC, VPC Endpoints, Route 53, AWS Lambda & API Gateway.

Module 16 : Agile & DevOps

Introduction to Software Development, Development Models (Waterfall, Iterative, Spiral, RAD, Agile, etc.), Agile Development Model, Introduction to DevOps, DevOps Life Cycle & DevOps Tools.

Module 17 : Git & GitHub

Introduction to Version Control & Git, Command Line Interface, GitHub & Repositories, staging, cloning, push operation, branching, merging, forking & pull requests.

Module 18 : Jenkins

Introduction to Continuous Integration & Jenkins, Jenkins Installation, Dashboard Overview, Job Creation, Search Panel, Jenkins Configuration, Jenkins Plugin, Role Base Access, Git Integration, Trigger Build, Build Periodically, Poll SCM, Environment Variables, Parameterized Jobs, Code Coverage, Timeout & TimeStamp, Job Management, User Management, Jenkins Logs Custom Workspace, Upstream / Downstream Jobs, Pipelining, Continuous Deployment

Continuous Delivery, Parallel Jobs, Master Slave, Input Parameters, Post Actions, Slack Notifications.

Module 19 : Ansible

Introduction to YAML & Ansible, inventory, playbook, modules, variables, control flow (conditions & loop), Roles, Asynchronous Actions, Polling, Strategies, Error, Ansible Vault, LookUps, Custom Module.

Module 20 : Docker

Introduction to Container, Container Vs Virtual Machine, Introduction to Docker, Installation & Environment, Commands, Objects, Registry, DockerHub, Docker Compose, Docker Swarm, Architecture, Files, Images, Storage & Volumes, Drivers, Networks, Monitoring.

Module 21 : Kubernetes

Introduction to Kubernetes, Architecture Overview, Pod & Kubectl, Pod's Container, Cluster IP, Node Port, Replication Controller, Deployment in Kubernetes, Kubernetes Rollout, Resource Request & Resource Limits, Namespace, Service DNS, Resource Quota, Limit Range, Config Map, Kubernetes Secret, taint & toleration, Scheduling & Volume Overview.

Module 22 : JIRA

Introduction to Project Management & JIRA, Login to ATLASSIAN, creating project, Introduction to Kanban & Scrum, JIRA User Interface, Navigation, Issues, Agile Boards, Search Filters, Dashboard Customization, EPIC, User Story, Sprint, Sprint Management, Software Versions & Software Releases, User Management, Permissions & Project Roles, JIRA Schemes, Team Managed Projects, Roadmaps & Access Restrictions.

Module 23 : Design Thinking & User Experience

Introduction to Design Thinking, Design Thinking Mindset, Empathy in Design Thinking, Organize the Ideas, Identify Opportunities, Solve The Problem, Mindset to Find Ideas, Brainstorming, Create a Prototype, Tools to create Mockups, StoryBoarding, Minimum Viable Product, MosCow Method, User Testing, Collect Feedbacks, AB Testing.

Module 24 : UI/UX with Figma

Introduction to UI/UX, Figma Design File, Shapes, Selection, Typography, Design Tree, First Design, Colors, Drawing Tools, Margin, Padding, AutoLayout, Formatting Principles, Figma Constraints, Website Design, Styles and Components, Component Variants, Layout Grids & Design, Responsive Design, Material Design, Tailwind UI, Designing Mobile Apps, Iconography, Boolean Groups, Figma Token, Animations.

Module 25 : Capstone Projects

Utility based major projects to increase your productivity and to build your experience.

Our students are working with

NTT DATA

COMMVAULT®

accenture

GlobalLogic

cognizant

Morgan Stanley

tcs TATA CONSULTANCY SERVICES

publicis sapient

nagarro

Mobile Programming

— and many more —

We also offer industry oriented training in

Java Full Stack Development
Duration : 4 Months | 6 Months

Data Science & Machine Learning
Duration : 4 Months | 6 Months

Cloud Computing & DevOps
Duration : 4 Months | 6 Months

Full Stack Web Development
Duration : 4 Months | 6 Months

Design Thinking & UI/UX Design
Duration : 4 Months | 6 Months

Digital Marketing
Duration : 6 Months | 1 Year

Power Bi
Duration : 1 Month | 2 Months

Train The Trainer
Duration : 2 Months | 3 Months

Frequently Asked Questions

1. How this training program will help me to get a placement with handsome salary?

Our training program is designed as per the requirements of software industry and latest trends. During training you will get a deep practical exposure of software development along with the experience of working on live projects. You will be able to work on any phase of software development and can also lead or supervise other people to work on projects. With your experience and abilities, you can get offer from any renowned organization.

2. Why should I choose Full Stack as a career option?

As a full stack software engineer, you will have experience about designing a quality software product, developing front-end & back-end, creating API's, webservices & microservices and handling development operations.

So, If you are enough capable to work on any phase of software development process and you have the ability to handle various operations, & teams then you will always be in demand. Almost all the MNC's & renowned companies across the world, always looking for those candidates who can good practical knowledge and have multidisciplinary skills.

3. What kind of jobs, will I get after completing this training?

A full stack software engineer can have a variety of job role and offers. You can get a position of full stack developer, or work as software development engineer (SDE I / II). You can also have different career options like System Engineer, Front-End Developer, System Architect, Web Designer, Web Developer, DevOps Engineer, etc.

After having some working experience, you can easily get promotions and serve to your company on various roles like SDE – III, Project Consultant, Enterprise Architect, Team Leader, Project Manager, etc. You can also have offers from start-ups to work as CTO.

4. What would be the salary, I will receive after completing the training?

Full stack developers are one of the highly paid professionals across the world and their demands are increasing every year. After successfully completing the training you would be one of them and can get a salary range of 6LPA to 15 LPA or more.

5. Will you provide me, Job Assurance or Job Guarantee?

Yes, We can give you Job Guarantee or Job Assurance to have a decent job offer. Only you need to attend all the classes or practical session with at-least 80% attendance, complete the assignments, appear in test series, professional development sessions & mock-interviews, work on dummy projects, etc. You must be holding a valid degree (M.Tech/ M.E./ M.Sc./ MCA/ B.Tech/ B.E./ B.Sc./ BCA) with at-least 60% marks in each semester.

6. Can I attend demo classes after getting enrolled for the training program?

Yes, You can attend the demo classes. Usually, we provide demo classes (up to 3 classes) for fresher and new candidates so they can understand the overall curriculum, clear their doubts, and make sure that the training would be worthy and useful. After demo classes, you can register yourself for the training program.

7. Why should I join Learn2Earn Labs instead of joining any other institute?

It's always difficult to find a good institute or a mentor. At Learn2Earn Labs, its our responsibility to give you a perfect environment to learn, develop your skills & find your talent. At Learn2Earn Labs, we know that you are enough capable to do anything, only you need a guidance & support to improve your skills and practical knowledge.

Learn2Earn Labs will provide you an additional training in professional development depending upon your requirements, which will help you in getting your dream job.

8. How I can pay for my training? Do you offer part payment facility & any EMI plan?

Other than Pay-In-Cash option, any mode of payment is allowed whether it would be UPI, NEFT, Account Transfer, Cheque or Demand Draft.

Yes, we offer part payment facility (with extra 15% processing fee) to reduce your one-time financial burden.

9. Will I get the refund, In case I don't get any job in the same domain?

Yes, you can get the refund. If you will not get any job in the same domain within 6 months after completing the training, submitting the assignments, & other conditions of job assurance then you can get the amount. We only hold 50% of the total fee in that case, rest amount would get transferred to your registered account number or via UPI.

10. Will you provide me working experience, If I will get enrolled with this training?

Yes, we will provide you working experience of six months so you can apply on those jobs where some experiences are required. We only provide experience letter to those who join our training programs for at-least six months duration and worked on our client's project.

11. What would be the admission criteria? How I can join this training program?

After attending the demo classes, you can ask the concern person/faculty to process your enrolment. Then you need to submit the initial amount along with the registration fee. After that you are required to fill our registration form, submit your academic marksheets & degree (scanned copies) and a declaration from to declare that all your information is correct.

12. Will I get incentives, if I will work on your client's project?

Definitely, nothing is free in this world and we also know it very well. We will provide you incentives and reimbursement depending upon your performance & client reports.

13. Will you provide me notes, case studies & other training material?

Yes, we will provide you digital notes for your better learning & revision, job sheets, assignment samples, project report templates, presentation templates and many more.

14. Will you provide me the course completion certificate?

Yes, we will provide you an industry recognized certificate after successfully completing this "Become an In-Demand Software Engineer" training program.

Learn2Earn Labs

A training unit of
Ninepages Techsolutions Private Limited, Agra
Email : query@learntoearnlabs.com
Contact No : +91-9837-705-705