



Learn, Create & Succeed with us

BUILDING MICROSERVICES IN JAVA FOR CLOUD

Building Scalable and Resilient Applications
for the Modern World

INTRODUCING PW SKILLS

PW Skills is a leading tech upskilling platform specializing in cutting-edge AI and Web-related courses with a strong focus on industry practices to help you progress in your professional career.

PW Skills has empowered over **3.5 Lakh learners** till date.



Many organizations were adopting microservices to build scalable, modular, and maintainable applications, especially for cloud-native and distributed systems.



Around **85%** of the companies all over the world are using microservice based applications



The Global Java Development Service Market is expected to expand at Robust CAGR of +10% during the forecasting Period (2023 to 2030).

Elevate your **Expertise**

&

Embrace the **Digital Revolution!**



UNLOCKING INNOVATION: REDEFINING APPS WITH MICROSERVICES

In this course, you will delve into the world of modern application architecture and learn how to design, develop, and deploy microservices-based applications. From understanding the core principles of microservices to hands-on implementation using popular frameworks, this course equips you with the knowledge and skills to build scalable and resilient applications for the future.

Join us & become a master in Building Scalable and Resilient Applications

The journey starts here!.....



COURSE CURRICULUM

Core Java

- Data Types, Casting, Keywords
- Operator, Array, String
- JVM, Variables
- Exception, imports, modifiers
- OOPS and MultiThreading
- Collection and JDBC
- Servlet and JSP

Frameworks and Need of Spring

- Need of Framework and How Spring fits into Enterprise world
- SpringCore Basics
- SpringCore Advanced
- Introduction to SpringBoot

Persistence Layer using SpringBoot

- SpringDataJPA
- SpringDataJPA-Advanced

SpringBoot Profiles

- Profiles and logging in SpringBoot

WebApplications using SpringBoot

- WebApplication Development using SpringBoot
- Working with View as JSP and Thymleaf
- Spring Mail and Exception Handling in WebApplications
- SpringSecurity in WebApplications

Working with Distributed Applications

- SpringRest
- SpringRest Building applications

COURSE CURRICULUM

Microservices

- Microservices-1
- Microservices-2
- Deployment

DSA

- Time and Space Complexity
- Recursion
- Backtracking
- Array
- Sorting Algorithms
- Searching Algorithms
- Strings
- 2D Arrays
- Practice Problems
- Linked List
- Stack and Queue
- Generic Tree
- Binary Search Tree
- Priority Queue
- HashMaps
- Graphs
- Divide and Conquer
- Greedy Algorithms
- Dynamic Programming

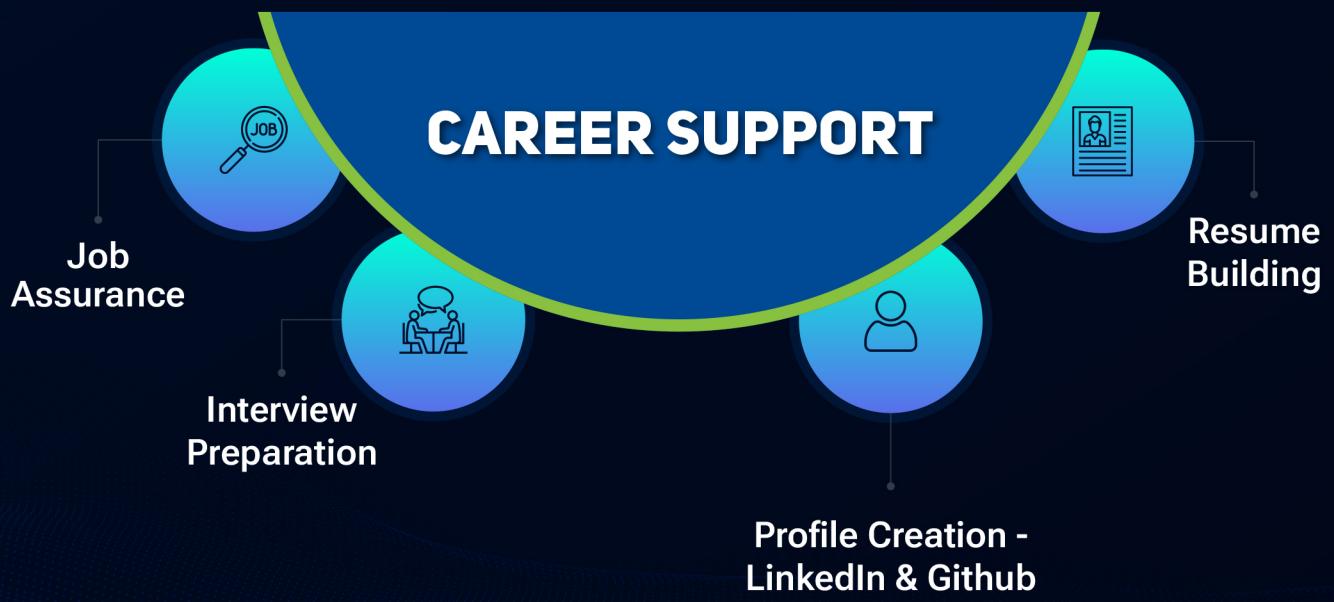
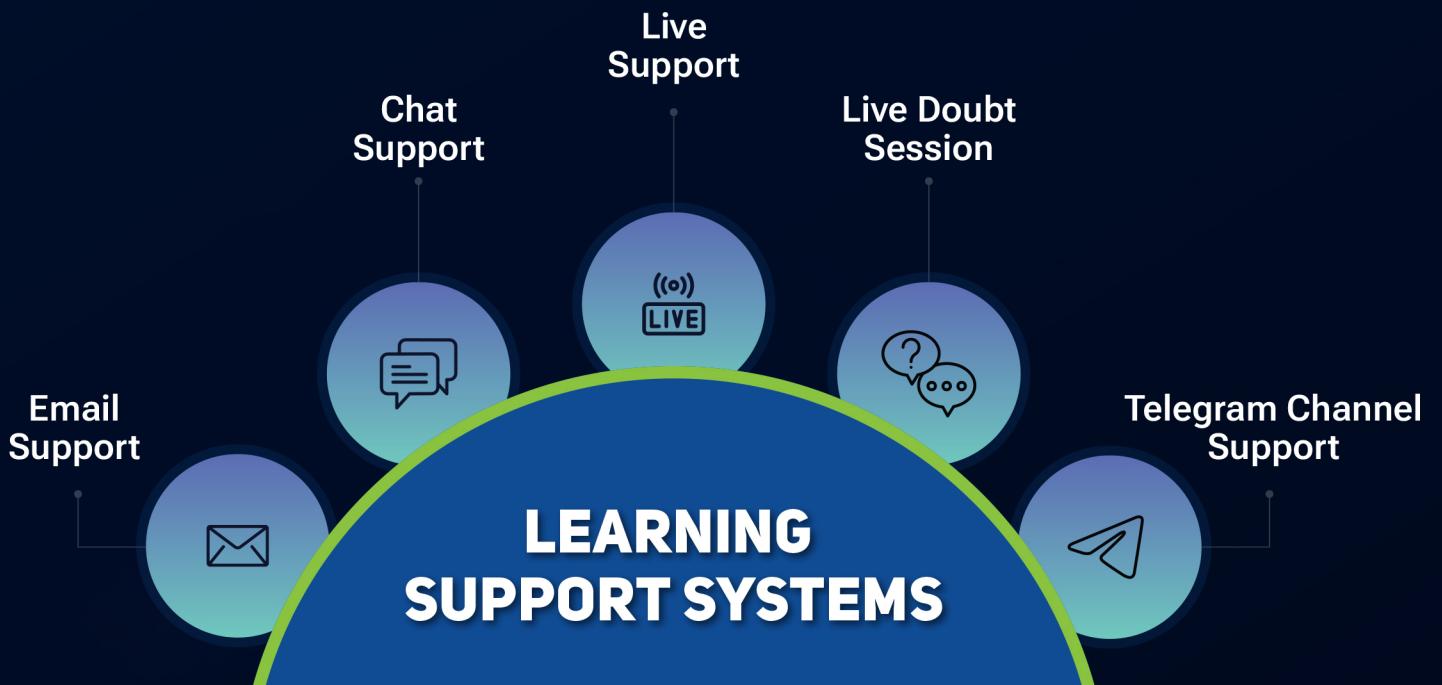
Design Patterns

- Design Patterns
- Design Patterns-01
- Design Patterns-02
- Design Patterns-03
- Design Patterns-04
- Design Patterns-05
- Design Patterns-06
- Design Patterns-07

System Design

- System Design part 1
- System Design part 2

SUPPORT SYSTEMS



Forge Your Path with
**OUR FACULTY AND
INDUSTRY EXPERTS**



Vishwa Mohan

CIO - PW

*Ex - LinkedIn, Oracle,
Walmart Labs, Paypal*



Nitin M

SDE-II

iNeuron.ai

TOOLS COVERED

 GitHub

 MySQL™

 Maven™

 LOG4J

 Mockito

 docker

 kubernetes

 JUnit 5

 git

 Java



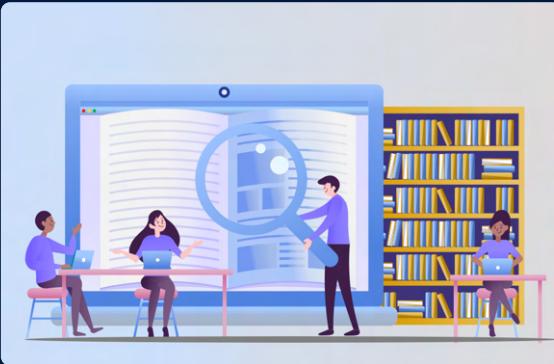
 eclipse

 Agile™

 HttpUnit

 spring

INDUSTRY PROJECTS



Library
management system



Hospital
management system



Movie
management system



Customer
relationship management

and many more..

ELIGIBILITY & ADMISSION

- Basic knowledge on Java programming language.
- This program is suitable for both fresh graduates with basic knowledge on Java and professionals with experience.
- Professionals who are willing to switch their jobs are highly encouraged to apply.



Program Fee
INR 20,000 (including GST)



Program Duration
12 months



Delivery Format
Instructor-led live classes

CAREER TRANSITIONS

Abhishek Kumar

From
Databases Development

To
Java Developer
at Intel US

Souvik Chhatik

To
Java Fullstack Developer at
Tredence Analytics

From
Undergraduate

Shourya Babar

From
Non-Tech
Background

To
SDE I
at Cognizant

Shashank Kulkarni

To
Lead Java Developer
at WebEngage

From
Civil Engineering

Dharmateja

From
Non - tech
background

To
Java Backend
Developer at Dell

CAREER TRANSITIONS

Aarti Kumari

From
Mechanical
Engineering

To
Software developer
at Mu Sigma

Kanumarlapudi Harish

To
SDE I at Kantar

From
Mentor

Divyansh Chaudhary

From
Chemical
Engineering

To
Senior Java Developer at
Aditya Birla Group



PROUDLY BUILDING CAREERS!

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