SkilD
An Adivantures initiative

New Batch Launch - Nov 2024

PG Certification in Data Engineering

A Comprehensive Program

Applications Open!

www.skild.co.in

Scan For Enquiries

"

"Continuous learning is the minimum requirement for success in any field."

Brian Tracy
Author, Educator & Speaker

Our Mission

SkilD is an outcome-focused leading ed-tech platform for working professionals.

We are devoted towards creating a growth ecosystem to assist professionals in unlocking their talent and seizing opportunities at every stage of their careers.

About SkilD Programs

SkilD aims to help working professionals in their bid to learn, grow and move up in their career through a wide range of programs designed to improve their expertise.

Developed and delivered by professional trainers & industry experts, this program culminates the best-in-class methodologies of both conceptual & practical approaches.

SkilD Highlights

- ✓ Live Weekend Classes
- ✓ Lifetime Access to Portal
- ✓ Personalized Mentorship
- ✓ Placement Support

✉ hello@skild.co.in   📞 +91-9096909751   📍 Awfis Coworking, GC2, Gurugram

SkilD

Here's a glimpse of your next 6 months with us!

Intensive 6 month program with hands on learning

Build your work portfolio while you learn with us live

Get certified by Microsoft, AWS & Google

Exhaustive curriculum with all 3 Clouds covered

1:1 Career Guidance on successful completion

Guest Lectures by Industry leaders in Data Engineering

150+ Hrs
of synchronous learning

25+ Projects
& case studies to choose learn

30+ Tools
covered with a walkthrough

Our Faculty

SkilD

AMIT MISHRA

Lead Data Engineering Trainer,
Big Data & Cloud Leader

DEEKSHA SHARMA

Data Engineering Trainer,
Cloud & DevOps Leader

DEVESH PANDEY

Senior Tech Lead, PayTM
ML/AI & GenAI Leader

ASHOK PADMANABHAN

Corporate Consultant & Trainer,
ETL & Data Architecture Expert

DIPANSHU SHEKHAR

Data Engg. Manager, Mastercard
Big Data, ETL & AWS Expert

PARAS VERMA

Manager, Decision Point Analytics
Analytics & Data Solutions Expert

Built on the Silicon Valley philosophy of producing 10X Engineers, we take pride in our unique pedagogy...

INDUSTRY APPROVED

Highly relevant & future proof curriculum to empower learners

100% COMPLETION

Personalized progress tracking for meeting set objectives

EVALUATIONS

Frequent quizzes, assignments, tests & assessments

GLOBAL PEDAGOGY

Case-study based lessons bring our programs at par with global standards

OUTCOME BASED

Get the industry's best support in achieving the desired outcomes

10x Advantage for 10x Engineers!

1. Get Official Certification Vouchers from Microsoft, AWS, etc

2. Get Cloud Access to work on Capstone Projects for an extra edge

3. Lifetime job/event updates for all SkilD Programs

4. Access the closed community of 250+ tech-leaders from all domains

Tools Covered

SKiLD

Get a complete mastery on tools like...

Azure Data Factory · Google Cloud Platform · aws

Azure Synapse Analytics · databricks · Microsoft Azure Data Lake

sqoop · hadoop · mongoDB

HIVE · snowflake · amazon REDSHIFT

Scala · Apache Spark · Apache Kafka

Microsoft Excel · SQL · python

Prerequisites

Basics & Refreshers (For beginners)

- Fundamentals of MS Excel
- Fundamentals of SQL
- Fundamentals of Python

Commencement

Introduction to Data Engineering

- Data Engineering - Evolution & the Future
- Introduction to Cloud Data Engineering & Architectures
- Data Analytics & Security

Week 1 & 2

Advanced Python for Data Engineering

- Data Structures & Algorithms
- Control Structures & Functions
- Pandas, Numpy, Matpotlib, Seaborn & more...

Week 3

Linux, Shell Scripting & Computer Systems

- OS & Linux
- Bash Scripting
- Computer Networks

Week 4

Master & Build - I

- Practice
- Resolve Queries
- Mini Assignment

Week 5 to 8

Database Management Systems

- DBMS & RDBMS
- MySQL
- NoSQL - MongoDB

Week 9

Master & Build - II

- Practice
- Resolve Queries
- Mini Assignment

Week 10 & 11

Cloud Computing

- Intro to cloud platforms - AWS, Azure & GCP
- Container App Dev & Orchestration using Docker & Kubernetes
- Basics of Extraction, Transform & Load models

Week 12 to 14

Big Data

- Hadoop & HDFS
- Cassandra & SQOOP
- Databricks & Snowflake

Week 15 & 16

Data Warehousing

- Storage & Warehousing
- Hive & Datalakes
- Extraction & Migration

Week 17 & 18

Batch & Realtime Data Processing

- Batch Data Processing
- Realtime Data Processing
- Apache Spark & PySpark

Week 19

Master & Build - III

- Practice
- Resolve Queries
- Mini Assignment

Week 20

Workflow Management with Apache Airflow

- Workflow & Automation
- Apache Airflow & Druid
- Azure Synapse

Week 21 & 22

Basics of DevOps

- Intro to CI/CD
- Basics of Version control & Git
- Kubernetes & Docker

Week 23 & 24

Monitoring & Management

- Quality & Validation
- Visualization
- Debugging

Week 25

Capstone Project

- Choose from our pre-approved set of 25+ projects & create your own proof of work under the mentorship of industry mentors

Project Samples

SkilD

Here's a glimpse of what you will be able to do after 6 months with us...

Capstone 1

Big Data Pipeline for E-commerce Personalization

Build a big data pipeline that processes customer data at scale to deliver personalized product recommendations on the platform. Use Apache Hadoop for distributed data storage and Spark for data processing. Implement recommendation algorithms using machine learning libraries in Spark and integrate the output into Amazon S3 for fast retrieval.

Capstone 2

Real-Time Financial Data Processing for a bank

Develop a high-frequency trading data pipeline for processing and analyzing real-time stock market data. Use Apache Kafka for capturing real-time data streams from financial markets, apply Apache Flink for complex event processing (CEP), and store the processed data in AWS Redshift for real-time analysis. Provide insights to assist in trading strategies.

Capstone 3

Building a Real-Time Ad Analytics Platform for a Social Media platform

Create a real-time data pipeline to analyze platform's ad performance. Use Apache Kafka to collect streaming ad data, process it using Apache Spark Streaming for real-time metrics, and store the processed data in Google BigQuery for deeper analysis. Build an interactive dashboard using Tableau for monitoring ad performance across various demographics and geographies.

Capstone 4

Fraud Detection Data Pipeline for a FinTech giant

Create a data pipeline to detect & prevent fraudulent transactions. Use Apache Kafka to stream transaction data in real-time. Process this data with Apache Flink to apply detection algorithms and identify suspicious patterns. Store the results in BigQuery, where you can perform detailed analysis and generate alerts for investigation. This pipeline will help enhance the fraud detection capabilities & secure transactions

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accenture

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Tech Mahindra
IT Services and Telecom Solutions

Uber

airtel

PayPal

NETFLIX

IPL

mongoDB

THANK YOU!

If you are ready to take the next leap in your 10x journey...
OR
If you have any questions...

Do not hesitate to scan the QR below & reach out to us on
the given coordinates.

Apply Now

www.skild.co.in

Or chat with us...

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