Navdeep Kaur

Corporate Trainer (Data/Cloud/ML Engineering)

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Key Skills

- Apache Spark/Pyspark
- Apache Kafka
- Apache Airflow
- Hadoop Ecosystem
- Apache Hudi /Iceberg
- Apache Beam
- Kubernetes/Dockers
- AWS Cloud
- Google Cloud
- MLOPS/MLE
- NoSQL Databases
- Snowflake/DBT
- Starburst/Trino
- MinIO
- Gen AI
- Databricks
- Apache Flink
- Scala/Python/Java

About me

Premium Instructor with 14+ years of industry experience in different domains & multiple technologies.Successfully designed and conducted over 250+ hands-on, real-world training sessions for reputed MNCs, focusing on Big Data, Cloud, DevOps, and AI technologies.

TRAINING EXPERIENCE

Big Data Technologies: Comprehensive training on Apache Spark, Hadoop, Confluent Kafka, and Apache Hudi/Iceberg, including real-time data processing, batch processing, and performance optimization techniques.

Orchestration & Data Pipelines: Delivered training to create end-to-end workflow orchestration using Apache Airflow (Astronomer) and data pipeline design with Apache Beam.

Cloud Ecosystems:
AWS Cloud: Hands-on labs for AWS fundmental Services, AWS ML with Sagemaker, AWS Data Engineering services ,GenAI using AWS bedrock, AWS Infrastructure services - cloudformation etc.
Google Cloud Platform: BigQuery, GKE, Dataflow, Dataproc etc

NoSQL Databases: Delivered Comprehensive training on Cassandra (Datastax/Open Source), Neo4J, CosmoDb, MongoDB

Microservices, Containerization, Orchestration, and CI/CD
Delivered end-to-end training on building, deploying, and managing microservices using Docker and Kubernetes, integrated with CI/CD pipelines

Data Warehousing and Integration
Delivered comprehensive training on modern data warehousing platforms, including Snowflake, Starburst, and Google BigQuery, focusing on advanced querying, data federation, and integration techniques.

GenAI and AI Technologies:
Introduced teams to GenAI fundamentals, practical applications with LangChain and HuggingFace, and integrating GenAI in real-world data workflows.

Certifications

- AWS Certified Solution Architect
- CCA175 Spark & Hadoop Developer
- Certified Kubernetes Application Developer

Achievements

- Elite Instructor 2021/2022 by Pluralsight
- Certified Confluent/Starburst Trainer
- Best selling author on Udemy.
- 70k+ students worldwide on Udemy
- 4.5 * average rating out of 5
- 8+ courses published on Big Data
- Transformed 100k+ laterals/professionals to become data engineer

Certification Training

- Certified Kubernetes Administrator (CKA)
- Certified Kubernetes Application Developer (CKAD)
- Confluent Certified Developer for Apache Kafka
- Confluent Certified Administrator for Apache Kafka
- AWS Solution Architect/ Practitoner/Data Analytics
- CCA Data Analyst
- Cloudera Certified Professional Data Engineer
- Databricks Certified Associate Developer for Apache Spark

Education

2005-2009
B.Tech Honors (IT)   **75%**
J.C. Bose University of Science and Technology, YMCA (Formerly YMCA UST)

2003-2004
High School **82%**
S.A Jain Senior Model School, Ambala

2001-2002
10th Class   **92.2% (Topper)**
S.A Jain Senior Model School, Ambala

PROFESSIONAL EXPERIENCE

COGNIZANT
Software Developer

Java, Spring, Web Server, Hibernate

The project deals with online payments, user management, balance & transaction reporting. This project is on Wholesale Banking and Payment Solutions.

2009-2012

- Write robust Java code & test cases
- Completely involved in end to end lifecycle such as requirement gathering, scoping, creating UML diagrams

PUBLICIS SAPIENT
Senior Associate/ Team Lead

AWS, Apache Spark, Hive, Cassandra,Kafka

This project aimed at transitioning existing bank legacy system to big data system using spark, Cassandra to support open banking.

2017-2019

- My role was to act as a team lead as well as a developer
- Write robust big data pipelines
- Review peer code
- Coordinate with product manager to understand requirements.

PITNEY BOWES
Senior Associate/ Scrum Master

Java, Camel, Hibernate, Spring

This project handles the shipping, tracking of e-commerce partners and integrate them with shipment carriers. It also provide the capital settlement between carriers and partners and generate supporting files.

2012-2015

- Write robust Java code & test cases
- Perform the role scrum master.

NOKIA
Big Data Architect/ Manager

AWS, Apache Spark, Kubernetes, Airflow

2019-2019

- My role was to act as a advisory to multiple team and decide on technologies.
- Help multiple team to ramp up on various technologies
- Handle team to create robust big data pipelines.
- Ensure best and secure practices
- Migrate teams from on-premise to cloud on Kubernetes.

INSTRUCTOR

Navdeep Kaur

Premium Instructor

Total students	Reviews
65,152	**6,454**

About me

Navdeep is one of the renowned Premium Instructor at Udemy. Navdeep has 14 years of industry experience in different technologies and domains. With 9+ courses and 60,000+ students and rating of 4.5*, she is one of the leading instructors in the field of Big Data & Cloud.
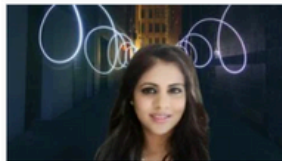
Happy Learning!

My courses (8)

Data Engineering Master Course: Spark/Hadoop/Kafka/MongoDB
Navdeep Kaur
4.6 ★★★★½ (1,813)
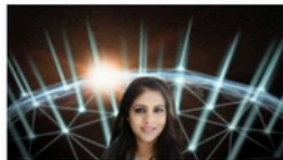12 total hours · 151 lectures · All Levels

Learn Apache Cassandra in 2 hours | NoSQL Database
Navdeep Kaur
4.5 ★★★★½ (2,478)
2 total hours · 26 lectures · All Levels

Apache Beam | Google Data Flow (Python) | Hands on course
Navdeep Kaur
4.5 ★★★★½ (844)
3 total hours · 37 lectures · Intermediate

Master Apache Spark (Scala) for Data Engineers
Navdeep Kaur
4.4 ★★★★½ (58)
4.5 total hours · 61 lectures · All Levels
₹2,499

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in Linkedin

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CLIENT TESTIMONIES

Michelle Melton in · 1st
MLOps + AI: Computer Vision + Robotics
August 7, 2022, Michelle was Navdeep's client
👁 All LinkedIn members   On 🟢

Navdeep is an excellent instructor. I had the privilege of taking a course with her as a part of Intuit's continuing education program learning Apache Spark. Her class was engaging and informative, and allowed me to walk away with a solid foundation in Spark that I could put into action immediately. She's an absolute joy and I can't wait to take more courses with her in the future.

Shailesh Kadam · 1st
Project Lead | AWS, Snowflake, Python, SQL | Help Companies Use Efficient Data Processing Pipelines To Integrate Data Across Customers
July 23, 2019, Shailesh was Navdeep's client
👁 All LinkedIn members   On 🟢

Navdeep is hands-on Big Data technology guru and a great communicator. She has a gifted skill to explain hard to know facts in detail and her passion towards her work is phenomenal. Her enthusiasm is seen in all her Udemy course Videos and I highly recommended to everyone who is interested to learn Big Data.

Sheila Golrang · 1st
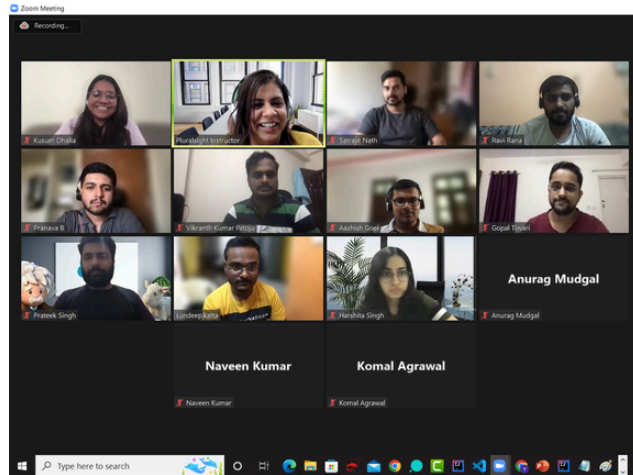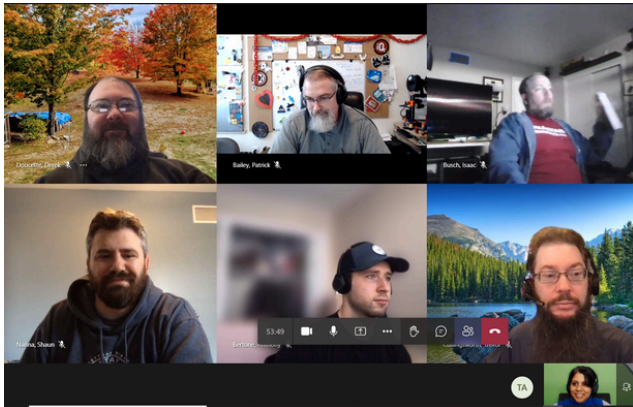Staff Business Data Analyst at Intuit
👁 All LinkedIn members   On 🟢

We had the pleasure to have Navdeep teach us the depth of Hive Sql for our data analytics teams within Finance. We all enjoyed it, as the material was easy to follow and Navdeep provided some hands-on exercises that were really helpful. In addition, she provided material afterwards for us to practice and strengthen our skills further. We cannot wait for Navdeep to come back and teach us more.

HAPPY STUDENTS!!!

FEW CLIENTS