



JINESH RANAWAT

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◦ DETAILS ◦

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◦ LINKS ◦

[Profile](#)

◦ SKILLS ◦

Artificial Intelligence

Microsoft Azure

Team Building

Knowledge of Engineering

Leadership Development

Leadership

Apache Spark

Big Data

Apache Kafka

Apache Hadoop

Market Risk

Databricks

Large Language Models

Python (Programming Language)

Cloud Computing

Enterprise Architecture

Cost Optimisation

Algorithms

Data Lakes

Data Pipelines

Generative AI

Data Integration

Data Management



PROFILE

Innovative Staff AI/Data Engineer with 13+ years of experience across financial services, telecom, and energy sectors. Recognized for building scalable data solutions with expertise in cloud technologies, LLMs, and enterprise architecture. Achievements include \$1.7M cost savings, processing 500TB data daily with 99.9% reliability, and scaling a team from 2 to 50+ engineers. Featured on BP's global careers website as an innovation leader.



EMPLOYMENT HISTORY

Staff AI/Data Engineer at BP

November 2024 — Present

Building multi-modal conversational AI agents using Ollama with fine-tuned models
Created 360-degree code analyzer visualizing 6,500+ pipelines in just one week
Led cross-domain data unification between P&O and C&P, identifying 28% redundant pipelines
Achieved \$2M+ annual cloud optimization savings while maintaining enterprise performance
Selected for BP's Advanced FLL leadership program for high-performing professionals
Developed pattern-based engineering accelerators reducing development time by 60%

Data Engineering AI Tech Lead at BP

September 2021 — Present

Led a federated team of 25+ engineers supporting 30+ critical P&O products
Developed real-time geospatial tracking system with millisecond performance
Implemented Azure storage optimization reducing monthly costs from \$50K to \$7K
Delivered solutions handling 500TB daily with 99.9% reliability
Created comprehensive 'recipe library' of data engineering patterns and best practices
Received 17 leadership awards across technical excellence and team development
Featured on BP's global careers website as innovation leader

Associate Director at UBS

August 2020 — Present

Led cloud and big data technology for Transaction and Reference data Reporting in IB
Implemented core data lake solution using Azure technologies (Gen2, Databricks, ADF)
Designed data pipelines using Spark, Kafka, and Azure services for regulatory reporting

Assistant Vice President at Barclays Investment Bank

March 2015 — Present

Led big data development for Market Risk VaR calculation using Hadoop ecosystem
Implemented real-time streaming solutions using Flume, Kafka, and Spark
Managed data archival and Hadoop cluster optimization for 2 PB environment

Senior Subject Matter Expert at Amdocs

May 2014 — Present

Developed core frameworks in R&D and Java/J2EE applications for Amdocs Ordering
Improved application performance through multithreading and code enhancements
Received multiple awards: Star Award, Innovator Award, You Rock Award (2014)

Data Reporting

Data Streaming

Reference Data

Software Debugging

JavaScript (Programming Language)

Commercial Banking

Performance Systems Analysis

Safety Principles

Cost Reduction

Offshore Work

Azure Data Factory

Data Analysis

Graph Database

Neo4j

Cloud Engineering

Continuous Integration

Data Governance

Performance Tuning

Solution Architecture

Information Technology

Java (Programming Language)

Mentoring

Cost Management

Investment Banking

Team Management

Palantir

AWS Data Engineering

SRE

◦ LANGUAGES ◦

English

Software Engineer at Accenture

June 2012 — Present

Built applications for Barclays retail banking across multiple channels Developed web layer using JavaScript MVC and jQuery frameworks Received awards: Instant Karma Award (2012) and Propel Award (2013)



EDUCATION

B.Tech in Computer Science, SGSITS University

Mtech Software System, Bits Pilani

June 2019 — June 2021