# Jundar Pellvane

Senior Data & Machine Learning Engineer  
Databricks Specialist | AI & Data Platform Consultant

## Contact

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## Professional Role

A highly skilled data and machine learning engineer with over 13 years of experience across large-scale data platforms, advanced analytics, and AI-driven solutions. Specialized in designing, building, and optimizing cloud-based data lakehouses and machine learning pipelines using Databricks and Spark ecosystems. Proven track record of delivering production-grade data solutions and AI models for clients across finance, logistics, retail, and energy sectors. Adept at working in multicultural environments, leading technical teams, and mentoring junior data engineers and data scientists. Currently working as a senior consultant, providing expert guidance on Databricks platform architecture, ML model deployment, and scalable data engineering best practices.

## Areas of Expertise

* Databricks & Apache Spark
* Big Data Architecture & Engineering
* Machine Learning Model Design & Deployment
* Data Lakehouse & Cloud Data Pipelines
* MLOps & Model Monitoring
* Azure, AWS, and GCP Data Services
* Python, Scala, SQL, MLflow
* Data Governance & Quality Engineering
* Team Leadership & Agile Development

## Career History

### 2022 – Present Senior Data & ML Engineer – DataNova Solutions, Amsterdam, Netherlands

* Led multiple large-scale Databricks implementations for energy and logistics clients.
* Designed robust ML pipelines and operationalized models in production environments.
* Provided architecture consulting on cloud migration and data lakehouse design.

### 2019 – 2022 Data Engineer – BlueOrbit Technologies, Utrecht, Netherlands

* Developed real-time data pipelines and analytics platforms on Azure Databricks.
* Automated ML workflows and introduced MLOps practices.
* Mentored junior engineers and contributed to internal best practices frameworks.

### 2017 – 2019 Machine Learning Engineer – Nexium Data Labs, Rotterdam, Netherlands

* Built predictive models for customer churn and demand forecasting in retail sector.
* Integrated machine learning models into existing data pipelines for business intelligence.

### 2015 – 2017 Data Engineer – Insight Analytics BV, Eindhoven, Netherlands

* Migrated legacy batch pipelines to Spark-based workflows.
* Optimized ETL performance and reduced pipeline runtimes by over 40%.

### 2012 – 2015 Data Scientist – Quark Analytics, Bangalore, India

* Created machine learning models for financial fraud detection and credit scoring.
* Participated in early data science initiatives for telecom clients.

### 2011 – 2012 Junior Data Engineer – Horizon Tech, Hyderabad, India

* Developed and maintained internal reporting dashboards.
* Wrote custom data parsers and transformation scripts in Python.

### 2010 – 2011 Research Intern – Institute for Applied Data Science, Pune, India

* Contributed to academic research on predictive maintenance algorithms.

## Educational History

Master of Technology in Data Science  
Indian Institute of Technology, Madras, India  
Graduated: 2015

Bachelor of Engineering in Computer Science  
University of Mumbai, India  
Graduated: 2012

## Professional Certifications

* Databricks Certified Data Engineer Professional
* Databricks Certified Machine Learning Professional
* Microsoft Azure Data Engineer Associate
* AWS Certified Data Analytics – Specialty

## Languages

Hindi (native), English (fluent), Dutch (advanced conversational)