**Gaurav Chaudhary**  
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**Professional Summary**

Strategic and results-driven Product Owner with over 12 years of experience in data infrastructure, analytics platforms, and enterprise-scale data engineering. Proven track record of leading cross-functional teams to deliver scalable data solutions using Spark, Kafka, and cloud-native technologies. Passionate about enabling data-driven decision-making through robust infrastructure and intuitive analytics tools.

**Core Competencies**

* Data Infrastructure Strategy
* Apache Spark & Kafka
* Cloud Platforms (Azure, AWS, GCP)
* Agile Product Ownership
* Stakeholder Engagement
* Data Governance & Security
* ETL & Real-Time Data Pipelines
* Team Leadership & Mentoring

**Professional Experience**

**Senior Product Owner – Analytics Infrastructure**  
*TechNova Solutions, Dublin, Ireland*  
*Jan 2021 – Present*

* Spearheaded the migration of legacy Hive-based ingestion pipelines to Spark, improving performance by 40% and reducing operational overhead.
* Defined and executed product roadmaps for scalable analytics infrastructure supporting 100+ internal users across data science, finance, and operations.
* Collaborated with engineering and architecture teams to implement a unified data lake on Azure, integrating structured and semi-structured data sources.
* Introduced custom delimiter handling in ingestion workflows, enabling support for diverse data formats from external vendors.

**Data Engineering Lead**  
*InnoData Systems, London, UK*  
*Jul 2016 – Dec 2020*

* Led a team of 8 engineers to build real-time data pipelines using Kafka and Spark Streaming for fraud detection and customer analytics.
* Designed and deployed a metadata-driven ETL framework that reduced onboarding time for new data sources by 60%.
* Partnered with product managers to define KPIs and dashboards for executive reporting.

**Senior Data Engineer**  
*QuantEdge Analytics, Bangalore, India*  
*Aug 2012 – Jun 2016*

* Developed scalable ETL workflows using Python and Hive for financial transaction data across multiple geographies.
* Implemented data quality checks and lineage tracking, improving trust in analytics outputs across business units.
* Mentored junior engineers and conducted internal workshops on distributed computing and data modeling.

**Education**

**Master of Technology (M.Tech) – Computer Science**  
Indian Institute of Technology (IIT), Delhi  
2010 – 2012

**Bachelor of Engineering – Information Technology**  
University of Mumbai  
2006 – 2010

**Certifications**

* Certified Scrum Product Owner (CSPO)
* Microsoft Azure Data Engineer Associate
* Databricks Certified Spark Developer

**Technical Skills**

* **Languages**: Python, Scala, SQL
* **Tools**: Apache Spark, Hive, Airflow, Databricks, Kafka
* **Cloud**: Azure, AWS, GCP
* **Databases**: Snowflake, PostgreSQL, MongoDB
* **Visualization**: Power BI, Tableau

**Interests**

* Open-source contributions in data engineering
* Mentoring aspiring data professionals
* Exploring Irish countryside and photography