

# Jagdish Parmar

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## Websites, Portfolios, Profiles

- <https://www.linkedin.com/in/jagdish-parmar0/>
- <https://github.com/TekMyn>

## Highlights

- Python
- SQL
- PostgreSQL
- BigQuery
- API Development
- Data Engineering
- ETL Pipelines
- Web Scraping
- Automation
- Blockchain Analytics
- Google Cloud Platform
- AWS
- Retool
- Git
- Data Science
- Problem Solving

## Education

### Bachelor of Science in Computer Science

University of Mumbai | Expected in July 2027

Experienced **Backend Engineer and Data Scientist** with a strong background in **Python development, data engineering, and blockchain analytics**. Skilled in building **automation systems, ETL pipelines, and API-driven architectures** that streamline data workflows and power large-scale analytics. Proven expertise in handling complex datasets using **SQL, BigQuery, and PostgreSQL**, and developing intelligent automation tools integrating **Google Cloud, AWS, and on-chain data sources**. Adept at solving complex problems, optimizing performance, and delivering end-to-end data and backend solutions that support business and compliance objectives.

## Work history

### Python Developer & Data Scientist

Chainlabs.ai, Remote | August 2024 - Current

- **Built and optimized backend data pipelines** in Python and SQL, managing high-volume datasets across BTC, ETH, TRX, and multiple on-chain ecosystems.
- **Built and maintained ETL workflows** to ingest, clean, and analyze large datasets from APIs, explorers, and sanctions sources.
- **Developed and documented internal REST APIs** for entity and transaction data, ensuring reliability, scalability, and version control.
- **Engineered advanced automation frameworks and bots** to execute on-chain transactions, orchestrate APIs, and streamline complex data operations.
- **Designed interactive dashboards and internal applications** using Retool and Google Cloud to support compliance and analytics teams.
- **Conducted blockchain tracing and entity research**, mapping wallets and identifying patterns linked to illicit or sanctioned activity.
- **Collaborated with product and data teams** to deliver high-quality, production-ready datasets and reports used across multiple departments.
- **Proactively identified and implemented system enhancements**, improving data workflows and overall process efficiency.

### Python Developer

Chainlabs, Remote | January 2024 - June 2024

- **Collaborated with QA teams** to validate and verify software updates, ensuring accurate and reliable deployments.
- **Identified and implemented system enhancements** to improve functionality, streamline processes, and reduce manual workload.
- **Built and maintained Python automations** for data processing, reporting, and internal workflow optimization.
- **Developed and optimized web scraping tools** to collect structured and unstructured data from multiple online sources.
- **Enhanced business intelligence systems** by creating scalable data ingestion pipelines for visualization and analytics.
- **Monitored and maintained middleware integrations**, ensuring system uptime and seamless data exchange across platforms.

## Cybersecurity Researcher

*Elementus, Remote | November 2023 - January 2024*

- **Performed in-depth research and forensic analysis** across crypto exchanges, gambling platforms, and darknet markets to uncover patterns of illicit financial activity.
- **Collected, validated, and enriched on-chain data** to identify wallet clusters, trace fund movements, and support threat intelligence initiatives.
- **Developed analytical frameworks and automation scripts** to detect anomalies, evaluate transaction risk, and enhance monitoring efficiency.
- **Produced detailed intelligence reports** outlining security gaps, laundering patterns, and ecosystem vulnerabilities to strengthen digital asset compliance and defense.