

# Mykhailo Keda

[mykhailo.keda@yahoo.com](mailto:mykhailo.keda@yahoo.com) • [linkedin.com/in/mkeda](https://www.linkedin.com/in/mkeda) • [github.com/mikekeda](https://github.com/mikekeda) • London, UK

---

## SUMMARY

Senior Software & Production Engineer with expertise at Meta in large-scale systems, data governance, and observability. Proven ability to optimise microservices, automate asset management, and integrate ML-driven solutions. Seeking a UK-based role with visa sponsorship, competitive compensation, and long-term growth into ML.

---

## PROFESSIONAL EXPERIENCE

### Meta (September 2020 – Present)

*Production Engineer / Enterprise Platform Engineer & Machine Learning*

#### Observability & Asset Management

- **Monitoring & Alerting:** Developed asset logging & monitoring system, reducing debugging time & manual oversight by 80%.
- **Comprehensive Asset Enumeration:** Cataloged 400+ database clusters, 100,000+ tables, and 1.3M+ columns for system-wide visibility.

#### Asset Deletion & Classification

- **Sensitive Data Detection:** Leveraged LLM (Llama) to analyse Tableau workbook metadata — identifying 30 assets containing sensitive data and triggering immediate access restrictions.
- **TTL Deletion for Compliance:** Improved compliance adherence by implementing TTL-based deletion for Tableau assets with user data, reducing legal risk and manual intervention.
- **Classification System Overhaul:** Migrated and enhanced the asset classification process across 100,000+ records, resolving inconsistencies without employee disruption.
- **Process Optimization:** Cut Tableau classification time from 20 to 5 days via automation.
- **Integrated Data Classification:** Automated data classification across 400 SFTP shares, 7,000 NFS/SMB containers, and 80,000 Tableau views — flagging 1,000+ sensitive assets (including 200 with user data) and enforcing corrective measures.
- **Leadership & Mentorship:** Onboarded & mentored new team members in automated asset classification, providing technical guidance and proactive support to accelerate ramp-up.

#### Vulnerability Management

- **Proactive Vulnerability Identification:** Scraped ~200 Tableau vulnerabilities from Salesforce sources, enabling preemptive risk mitigation.
- **Security Automation:** Developed a script to scan thousands of internal Python packages against CVE data, prompting timely updates and reducing exposure to security risks.
- **ML Accelerator Program:** Completed Meta's ML Accelerator, applying LLMs for security & automation use cases.

## ML Projects & Certifications

- **Marketplace Price Suggestion System:** Developed a multimodal system orchestrating three LLMs to generate structured prompts, analyze market data, and produce rationale-backed pricing insights. Shared best practices with the team.
- 

## ServiceHouse (April 2020 – August 2020)

### *Software Engineer*

- **EV Charging Data API:** Implemented a RESTful endpoint using Python and Django REST Framework to deliver real-time EV charging data conforming to the Open Smart Charging Protocol.
- 

## Softserve (July 2017 – April 2020)

### *Software Engineer*

- **Microservices Development:** Built scalable microservices (Python, Flask) and optimized performance by 2x using async ORM (Gino).
  - **Database Migration:** Led migration efforts from Cassandra to PostgreSQL, enhancing data integrity and query performance.
  - **Team Leadership:** Mentored junior engineers and led code reviews, enhancing test coverage.
- 

## InternetDevels (August 2014 – July 2017)

### *Full-Stack Developer*

- **Web Development & Maintenance:** Developed web applications (PHP, Drupal, JavaScript, MySQL), improving UI & performance.
- 

## TECHNICAL SKILLS

- **Programming & Frameworks:** Python, PHP, JavaScript, C++, SQL, Django, Flask, React
  - **Systems & Cloud:** Linux, Microservices, Observability, MySQL, PostgreSQL, Redis, MySQL
  - **Data & AI:** PyTorch, LLMs (Llama), Data Classification, Security Automation, Asset Management, Data Governance
  - **DevOps & Performance:** API Development, Automation, Performance Optimization, Security
- 

## EDUCATION & CERTIFICATIONS

### **Master of Science, Civil Engineering**

Lutsk National Technical University, 2001 – 2006