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# Hunor Portik

## Senior Data Engineer (P3)



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### SKILLS

**Senior Data Engineer (P3)** specializing in large-scale data pipelines, cold/warm storage, and operational excellence. Proven track record of maintaining **99.9%+ system uptime** while leading complex infrastructure migrations. Expert in clean, idiomatic Python with growing proficiency in Go, with a focus on **SOLID design principles** and **Apache Beam OSS** contributions. Recognized for technical leadership and a proactive, "owner" mindset in distributed systems environments.

### TECHNICAL SKILLS

- **Programming Languages:** Python (Clean/Idiomatic/SOLID), Go.
- **Frameworks & Libraries:** Flask, FastAPI, Celery, PyTest.
- **Data Engineering:** BigQuery Data Warehouse, ETL Systems, Google Cloud Dataflow, Apache Beam, Apache Kafka, Pub/Sub, MongoDB, Elasticsearch, Distributed Systems.
- **Infrastructure & Operating Systems:** Ubuntu Server, Google Cloud Platform (GCP), Kubernetes, Terraform, Docker, GitLab.
- **Observability & Tools:** Prometheus, Grafana, Jira.
- **Domain Knowledge:** Digital Marketing (Personalized Campaigns).

### EXPERIENCE

#### BLOOMREACH | *Senior Data Engineer (P3)*

2021 - PRESENT

- **Maintained 99.9%+ system uptime** and business-critical reliability by managing **tens of P1/P2 incident responses** and hundreds of L3 support requests as the Primary Level 3 on-call engineer in rotation for the company pillar's data pipeline.
- **Spearheaded the continuous unblocking of pipeline improvement releases** for the **BigQuery Data Warehouse** as Project Owner, facilitating a successful rollout to a handful of customers.

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- **Engineered new extensions across multiple services** to support incoming high-throughput data flows for global Shopify integrations, ensuring seamless Data Stream and Router Configuration deployments.
  - **Established a team-first precedent** by contributing directly to **Apache Beam Open Source Software (OSS)** to resolve critical operator issues during warehouse feature releases.
  - **Improved stakeholder alignment** by implementing a systematic "1-2 steps ahead" communication pattern, eliminating visibility gaps during complex cross-functional projects.
  - **Collaborated closely working with SREs** in improving the overall stability of the components we own.

### **ERICSSON** | *Software Developer / DevOps*

2019 - 2021

- **Decreased product installation time from several weeks to 3 hours** by engineering an automated system using **Ansible and Jenkins** to replace manual E2E deployment steps.
- **Reduced manual workload by several days** per cycle by developing a highly customized Python automation tool that generated business-tailored dependency usage reports across multiple software formats, usable by several dozens tens of teams.
- **Optimized mobile network continuity** by developing and deploying dockerized Spring micro-services across live production environments.
- **Accelerated development lifecycles** by applying several high-impact improvements and extensions to Jenkins CI pipelines, resulting in cleaner and faster code promotion processes.

### **ERICSSON** | *Software Developer Intern*

SUMMER 2018

- Designed and implemented a Python-based tool for processing **H.264 Codecs**, simplifying data digestion for the engineering team.

### **ACCENTURE + LYNX SOLUTIONS** | *Software Developer Intern*

FEB 2017 - AUG 2017

- Developed responsive mobile and web applications using **REST APIs**, **C#**, and **Swift 3.0**.

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## EDUCATION

**SAPIENTIA: HUNGARIAN UNIVERSITY OF TRANSYLVANIA B.S. -**

*Computer Science*

2015 - 2018

**Thesis:** Engineered a robust ETL and NLP system for local press surveillance and textual coherence analysis using NLTK and statistical visualization.

## LEADERSHIP & AWARDS

- **Technical Leadership:** External recognition in 2025 performance review for "showing glimpses of next level" in leadership and data integrity.
- **Programming Competitions:** Frequent participant in multiple regional programming competitions and technical presentations.

## LANGUAGES

- Native Hungarian | Fluent English | Beginner Spanish & Romanian.