

EMRE DURUKAN

Senior Data Engineer

Location: Istanbul, Turkey · Open to Remote (US/EU)

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SUMMARY

Senior Data Engineer with 6+ years of experience building and optimizing scalable data platforms on Google Cloud Platform (GCP). Expert in BigQuery, Airflow, Spark, and Dataflow, with a proven record of reducing cloud costs, improving performance, and delivering reliable batch and real-time pipelines.

TECHNICAL SKILLS

Languages: Python, SQL

Data: Airflow, Spark, Beam, Luigi

GCP: BigQuery, Dataflow, Dataproc, Bigtable, Pub/Sub, Cloud SQL, Cloud Run

Databases: PostgreSQL

DevOps: Docker, Git, CI/CD

EXPERIENCE

Senior Data Engineer – Hopi

Istanbul | Jan 2023 – Present

- Optimized large-scale BigQuery datasets, improving performance and reducing cloud costs by ~30%.
- Designed and maintained batch and streaming data pipelines on Google Cloud Platform.
- Implemented IAM, encryption, and access controls to ensure data security and compliance.
- Improved data reliability through monitoring, validation, and pipeline optimization.

Data Engineer – Hopi

Istanbul | Aug 2021 – Jan 2023

- Build and maintain real-time data processing pipelines using Apache Beam and Cloud Dataflow.
- Develop and orchestrate ETL pipelines using Apache Airflow, Luigi, Apache Spark, and Hive SQL.
- Manage and maintain cloud services including BigQuery, Bigtable, Dataproc, Dataflow, Pub/Sub, Cloud SQL, and Cloud Run.
- Improve pipeline performance and stability through optimization and proactive issue resolution.

Data Engineer – Alta Data

Istanbul | May 2019 – Jul 2021

- Build ETL pipelines and data curation processes to support analytics and business intelligence use cases.
- Integrate data quality checks and validation rules into data pipelines to ensure accuracy and consistency.
- Develop Tableau dashboards to provide actionable insights for stakeholders.

Software Developer – Publins

Denizli | Nov 2017 – Nov 2018

- Develop modern web applications using Ruby on Rails, JavaScript, and PostgreSQL.
 - Build data processing systems using Ruby and implement basic machine learning algorithms.
 - Maintain cloud infrastructure and services on AWS, including Elastic Beanstalk, EC2, S3, and RDS.
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EDUCATION

B.Sc. in Computer Engineering – Karadeniz Technical University | 2011 – 2016

CERTIFICATIONS

Google Cloud Professional Data Engineer | 2026 – 2028