

Arif Sait Birincioglu

Data Scientist & Python Engineer | SaaS Founder | Analytics & Growth Strategy

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Data Scientist and Python Engineer with 13+ years of experience across software engineering, data analytics, predictive modeling, and product strategy. Founder of URLAudit — an automated e-commerce auditing SaaS platform built on Python, Flask, Celery, Playwright, and PostgreSQL. Track record of leading cross-functional engineering teams, building analytics platforms at scale, and managing full product lifecycles from concept through monetization and growth. Designed analytics instrumentation for blockchain systems at Forte and built predictive LTV engines and monetization dashboards at N3TWORK Studios.

EXPERIENCE

Founder

May 2024 – Present

URL Audit

Delaware, United States

- > Architected a distributed automated store audit engine using Playwright, Celery, Redis, and PostgreSQL.
- > Designed multi-domain subscription architecture with Stripe (usage-based billing, domain-level plans).
- > Engineered a scalable crawling system processing 1M+ URLs per day with HTML/CSS validation, screenshots, and Lighthouse reports.
- > Defined product roadmap, technical architecture, and early customer acquisition strategy.
- > Integrated KPI dashboards with real-time performance metrics and store health scoring.

Tech: Python, Flask, Celery, Redis, PostgreSQL, Playwright, Stripe API, Lighthouse

Data Analytics Lead & Data Scientist, Games

Jan 2022 – May 2024

Forte

San Francisco Bay Area, Remote

- > Designed analytics event instrumentation across blockchain operations, wallet, accounts, bridges, exchanges, and token liquidity systems.
- > Created dashboards and data aggregation pipelines to surface key metrics across teams.
- > Developed data validators, quality standards, and automated testing pipelines ensuring data integrity across products.
- > Directed cross-functional data engineering and analytics teams.
- > Built simulation models to analyze user economy behavior and revenue impact.

Tech: Python, SQL, Pandas, Data Pipelines, Dashboard Development, Blockchain Analytics

N3TWORK Studios

San Francisco Bay Area, Remote

- > Constructed data pipelines for LTV, CPI, ROI modeling, and marketing analytics.
- > Created dashboards for publishing decisions — green/red light models for game launches.
- > Managed A/B testing performance and monetization insights across titles.

Tech: Python, SQL, A/B Testing Frameworks, BI Tools, Marketing Analytics**Python Data Scientist & Project Manager**

Feb 2021 – May 2021

Freelance, Self-Employed

Remote

- > Delivered data scraping, analysis, and dashboard projects (Tableau, PowerBI) for clients across the US, Europe, and Australia.
- > Developed custom data pipelines, automation scripts, and visualization reports in Python for diverse industries.

Tech: Python, Pandas, Tableau, PowerBI, Scrapy, SQL**Data Scientist & Senior Program Manager**

Aug 2017 – Feb 2021

Jawabkom.com INC

Seattle, Washington, Remote

- > Directed web/mobile engineering teams, marketing teams, and digital product delivery; hired 60+ developers, designers, and marketers.
- > Analyzed terabytes of data across products to drive strategic decision-making.
- > Developed automated reporting for LTV, ROI, EBITDA, and churn forecasting.
- > Oversaw the online marketing team with a multi-million dollar budget across Google Ads, Facebook, Snapchat, and TikTok.
- > Prepared unit economics reports and KPI dashboards to monitor multi-product performance.
- > Launched 8+ web and mobile products from concept to production, achieving a combined 1.25M+ app installs across iOS and Android.
- > Spearheaded end-to-end product delivery including backend development, data gathering, design, marketing, and growth for platforms spanning content, gaming, VPN, and utility verticals.

Tech: Python, PHP, Laravel, Pandas, NumPy, PowerBI**Data Scientist & Project Manager**

Jan 2017 – Aug 2017

Freelance

Remote

- > Created and managed multiple Shopify websites for Tako Agency; executed data migration, funnel A/B testing, and optimization.
- > Performed marketing and campaign data analysis for EasyWeddings.com.au.
- > Delivered data cleanup, analysis, and automation solutions in Python for various clients.

Tech: Python, Shopify, Google Analytics, A/B Testing

Ancin Insaat

Turkey

- > Coordinated a multi-million dollar luxury real estate construction project from planning through execution.
 - > Led the sales strategy for a hotel project, including investor outreach and stakeholder presentations.
 - > Prepared feasibility studies and financial models to secure investor interest and project funding.
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General Manager

Jan 2014 – Dec 2015

Sultan Sera, MB Holding

Aydin, Turkey

- > Promoted to General Manager — youngest in the holding's history — overseeing all production and business operations.
 - > Led production and packaging teams of 50 people, reducing costs and increasing output significantly.
 - > Created feasibility studies for a fruit and vegetable packaging facility and geothermal food drying project.
 - > Coordinated the Velika-1 Geothermal Power Plant project in Croatia; managed purchasing of a \$12M geothermal power plant.
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Assistant General Manager

May 2013 – Jan 2014

Sultan Sera, MB Holding

Aydin, Turkey

- > Supervised a team across production, packaging, and sales operations.
 - > Implemented data-driven models to optimize production planning, inventory management, and sales forecasting.
 - > Expanded domestic and international sales channels, establishing new distribution partnerships globally.
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Web Developer & Project Manager

Oct 2012 – Feb 2013

Mantiksal Software and Development

Izmir, Turkey

- > Developed PHP backend systems for multiple top e-commerce websites in Turkey.
- > Managed a team of 8 developers and designers.
- > Planned and developed new modules for the e-commerce platform; introduced Git and GitHub to the team.

Tech: PHP, MySQL, Git, GitHub

TECHNICAL SKILLS

Data Science & Analytics

Python Pandas NumPy Predictive Modeling

LTV / ROI Models A/B Testing Data Mining

Blockchain Analytics Scrapy

Visualization & Reporting

PowerBI Tableau QGIS

Real-Time Dashboards KPI Reporting

Advanced Excel

Data Engineering & Infrastructure

SQL PostgreSQL BigQuery Snowflake

MongoDB Redis Celery MySQL

Data Pipelines ETL

Web & Product Engineering

Flask Playwright PHP / Laravel Stripe API

Shopify Symfony Git / GitHub Lighthouse

Leadership & Strategy

Team Leadership

Product Strategy

Unit Economics

Budget Management

Digital Marketing

Google Ads

Facebook Ads

Funnel Optimization

Ad Campaign Analytics

PERSONAL PROJECTS

L2Loyal Gaming Community — Founder & Developer

Created an online gaming community with multiple game servers, reaching over 50,000 users. *Tech: SQL Server, MS Server 2003, PHP, C++.*

GamesMessU Gaming Community — Founder & Developer

Built a social network website for gamers to share experiences. *Tech: PHP, Symfony.*

NGClick Web Design & Marketing Agency — Founder

Founded a web design agency serving multiple international clients with website design and online marketing. *Tech: PHP, Symfony.*

Data Scraping & Visualization Projects — Developer

Built scrapers for gaming, housing market (GIS), stock market, classifieds, and other data domains. Created visualizations and GIS data maps. *Tech: Python, Scrapy, Pandas, MongoDB, PHP, MySQL.*

EDUCATION

Master's Degree, Systems Engineering

Gediz University, Izmir, Turkey

2014

Bachelor of Business Administration (B.B.A.), International Trade and Finance

Izmir University of Economics, Izmir, Turkey

2006 – 2012

TUBITAK Research Grant Recipient

The Scientific and Technological Research Council of Turkey

LANGUAGES

English — Full Professional

Turkish — Native / Bilingual

German — Elementary

INTERESTS

US/China Stock Markets

eBooks & Audiobooks

Travel

Video Games

Stray Dog Rescue