Ali Babayev

Software Engineer
Dresden, Germany

ali.babayev.ug@gmail.com | **LinkedIn**: ali-babayev | **GitHub**: alibabayev

Work authorization: Authorized to work in Germany; no visa sponsorship required.

PROFESSIONAL SUMMARY

Software Engineer with 5+ years developing production backend, mobile, and data-intensive systems. Built APIs and asynchronous workflows, optimized database performance, and improved reliability in international engineering teams.

EXPERIENCE

- **Britex Digital Agency** — Baku, Azerbaijan
  Software Engineer — *Feb 2024 – Sep 2025*
  - Built **Mobitek**'s **Django/DRF** reporting and campaign-monitoring dashboards with PostgreSQL, integrating Google Ads, Meta Ads, Search Console APIs, and Celery automation.
  - Implemented affiliate postback APIs with **idempotency**, delayed-event handling, and data reconciliation.
  - Integrated modular **Python** services and asynchronous workflows with existing Azure-hosted C#/.NET systems.
  - Resolved **dashboard freezes** through SQL optimization, moving analytics to **Celery** and caching results in **Redis**.
  - Improved deployment consistency and production reliability with Docker, CI/CD, tests, logging, and monitoring.
  - Analyzed traffic and campaign data using pandas, NumPy, and scikit-learn for **anomaly detection** and validation.
- **Proxify** — Stockholm, Sweden
  Senior Flutter Engineer — *Jun 2023 – Jan 2024*
  - Led Flutter business logic and API integrations for **RB Leipzig**'s official **Bullis Bande Kids Club** app.
  - Modularized Flutter features with Riverpod and **dependency injection**; added automated tests and CI/CD.
- **Diversido** — London, UK
  Mobile Engineer — *Jan 2023 – Jun 2023*
  - Developed features for three health-tech Flutter applications, including **Virtusan**, using BLoC and Riverpod.
  - Built smartwatch integrations in Swift/Kotlin, handling native communication, permissions and health-data sync.
- **Radity** — Zurich, Switzerland
  Software Developer — *Jan 2020 – Jan 2023*
  - Contributed to **6 Python/Django backends** and **10+ Flutter apps**; optimized Django ORM queries.
  - Contributed to Django APIs and admin tools extending Java-based insurance workflows for clients using Socotra.
  - Developed **Touch**'s Django REST APIs, data models, and permission tests with the backend team; the app reached **500K+** users.
  - Led Touch's Flutter image/video editing, offloading intensive processing to **Dart isolates**; mentored juniors through code reviews.

TECHNICAL SKILLS

- **Languages:** Python, SQL, Dart, Java, Kotlin, Swift, JavaScript, C++
- **Backend:** Django, Django REST Framework, PostgreSQL, Celery, Redis, REST APIs
- **Mobile:** Flutter, Riverpod, BLoC/Cubit, Provider, Redux
- **Cloud & Data:** Azure, Docker, Git, CI/CD, pandas, NumPy, scikit-learn

EDUCATION

- **Carinthia University of Applied Sciences** — Villach, Austria
  Graduate Studies in Applied Data Science — *2024 – 2026*
  - **Selected Coursework:** Data Architecture & Databases, Machine Learning, Neural Networks & Deep Learning.
- **Bilkent University** — Ankara, Türkiye
  B.Sc. in Computer Science, Full Scholarship, Honor Student, CGPA: 3.0/4.0 — *2016 – 2021*
  - **Selected Coursework:** Algorithms, Operating Systems, Software Engineering, OOP, Artificial Intelligence.

LANGUAGES

English: Fluent (C1) **German**: A2 (B1 Course in progress) **Turkish**: Native **Azerbaijani**: Native

SELECTED PROJECTS & AWARDS

- K1L0 Volunteer App: Built a hospital-visit app for 200+ volunteers; earned special recognition from Bilkent volunteers.
- Microsoft Imagine Cup Azerbaijan (2016) – **1st Place**: Game for visually impaired players.
- Academic Honors (2014): **Top 100 of 100,000** in national university entrance exam; High School **Gold Medal.**