Nagihan Tokul

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WORK EXPERIENCE

Barakatech   **Ankara, Turkey (Remote)**
Data Analyst   *Sept 2024 - Dec 2025*
- Developed Tableau dashboards and implemented data-driven strategies to enhance user engagement and system performance for a fintech platform, using EDA on 150K+ records to guide leadership planning and resource allocation, resulting in a 32% increase in user retention.
- Partnered with engineering, design, and business teams to translate analytical findings into actionable product insights across 3+ workflows, improving alignment and reducing clarification cycles.
- Cleaned, structured, and consolidated large-scale operational data using Python and SQL, improving data quality and reducing weekly preparation time by approximately 20%, which strengthened the accuracy of recurring reports.

Roughneck AI   **San Francisco, CA**
Data Analyst Intern   *June 2024 - Aug 2024*
- Developed Python scripts and optimized SQL pipelines to ensure data integrity across millions of sensor records, reducing recurring analysis time by 16% and enabling faster, data-informed product and business decisions.
- Detected and resolved data anomalies that impacted business outcomes, enabling 5+ stakeholders to refine data collection processes and enhance product reliability.
- Supported improvements that increased overall reporting efficiency and data reliability, providing leadership with actionable insights for decision-making.

Mango   **Bursa, Turkey**
Visual Merchandiser   *June 2017 - June 2021*
- Analyzed weekly customer behavior and sales data to inform merchandising and product placement strategies, driving 15% higher conversion for promoted items and $1M year-over-year revenue growth through data-driven display optimization.
- Led and coached an 18-member team to implement merchandising changes aligned with brand guidelines, ensuring consistent execution across all store sections.
- Redesigned store layouts and optimized inventory based on data insights, increasing traffic flow to key zones by 35% and reducing stockouts for high-demand seasonal items by 20% in collaboration with senior leadership.

PROJECT EXPERIENCE

College of San Mateo   **San Mateo, CA**
Accessibility-First E-Commerce iOS App   *Sept 2025 - Dec 2025*
- Built end-to-end product development of an accessibility-first mobile shopping platform using SwiftUI, identifying critical gaps in e-commerce experiences for visually impaired users.
- Defined product roadmap and prioritized 25+ customer-facing features based on user research, resulting in 30% improvement in task completion speed and measurably enhanced usability scores.

Retail Operations App for Sales Associates   *Feb 2025 - May 2025*
- Designed and built a full-stack retail operations platform with SwiftUI and Java/Spring Boot, featuring mPOS, BOPIS fulfillment, and AI recommendations; full product ownership from requirements to deployment.
- Translated in-store retail workflows into digital product flows to reduce checkout friction and improve operational efficiency for sales associates.

EDUCATION

College of San Mateo   **San Mateo, CA**
Associate of Science (A.S.) in Computer and Information Science   *Graduation Date: 2026*

Gazi University   **San Mateo, CA**
Bachelor of Arts (B.A.) in Economics   *Graduation Date: 2017*
- Coordinated academic panels and seminars in partnership with industry and labor organizations, raising $10K in sponsorships to fund 15+ events focused on research exchange, student development, and public-sector collaboration.

SKILLS & CERTIFICATIONS

Skills: Java, Swift, SwiftUI, SQL, Python (NumPy, Pandas, Matplotlib); MySQL, Tableau, Excel; Exploratory Data Analysis (EDA)