

Burak Üstboğa

Business Development Engineer

Ankara, Türkiye | burakustbga@gmail.com | linkedin.com/in/burakustboga

PROFESSIONAL SUMMARY

Business development engineer combining an engineering background with data analytics, artificial intelligence, and 'vibe coding' applications. Works in the areas of increasing operational efficiency, process optimization, and creating technology-driven growth strategies. Focuses on developing data-driven business models by improving workflows with the latest technological tools.

CORE SKILLS

Business Development

AI Tools

Vibe Coding

Growth Strategies

PROFESSIONAL EXPERIENCE

Business Development Engineer

May 2026 – Present

DAMA Engineering | Ankara, Türkiye

- Support business development activities by analysing market opportunities and preparing technical input for engineering proposals and tenders.
- Contribute to the preparation of internal policy and process documentation aligned with international standards.
- Apply data analytics to operational and commercial data to support decision-making and growth strategies.
- Coordinate with technical and administrative units to align engineering capability with client requirements.

Mining Engineering Intern – TETE Albania

July 2025

ILBAK Holding | Albania

- Supported reserve modelling and production planning tasks using mine planning software.
- Conducted efficiency analyses of mining equipment and contributed to reporting processes.
- Performed daily inspections of underground working areas and maintained accurate operational records.

Mining Engineer Intern

August 2024

First Quantum Minerals – Çayeli Bakır İşletmeleri | Çayeli, Rize, Türkiye

- Observed and supported underground production processes in an active base-metal mine.
- Assisted with data analysis related to blasting, ground support and production cycles.
- Participated in on-site occupational health and safety practices.

Candidate Engineer

December 2023 – July 2024

ARGETEST Mineral Processing, R&D and Analysis Services | Ankara, Türkiye

- Provided technical support in laboratory-scale mineral processing and testing workflows.
- Contributed to sample preparation, analysis and systematic data recording.
- Participated in R&D projects and supported the reporting of experimental results.

EDUCATION

BSc in Mining and Mineral Engineering

September 2020 – June 2026

Hacettepe University | Ankara, Türkiye

PROJECTS

Strain Measurement and Behaviour Analysis Using a Strain Gauge on Rock Bolts September 2025 – June 2026
Hacettepe University, Department of Mining Engineering

- Designed and carried out strain-gauge instrumentation on rock bolts to measure load distribution and deformation behaviour under loading.
- Collected and analysed measurement data to evaluate ground support performance.
- Awarded 1st Degree (First Place) at the Department of Mining Engineering Project Exhibition.

VOLUNTEER EXPERIENCE

Executive Assistant August 2023 – Present
Association for Professional Development of Mining and Earth Sciences Professionals

Administrative Supervisor May 2024 – Present
International Post-Mining Symposium

Art Director January 2025 – Present
Madencilik ve Sonrası (Mining and Post-Mining) Magazine

LANGUAGES

Turkish – Native

English