



EBRU RAZİ

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SUMMARY

Recent Computer Engineering graduate with a strong background in SAP ABAP development, AI, deep learning, and NLP. Experienced in developing full-stack and enterprise-level applications using ABAP, Python, Django, .NET, Flutter, and Firebase. Completed a TÜBİTAK-funded academic project on cancer classification using histopathological images and attention-based deep learning models. Passionate about building intelligent systems and continuously developing expertise in backend and enterprise software development.

WORK EXPERIENCE

SAP ABAP Intern - Hyundai Motor Company	Nov 2024 - Jul 2025
<ul style="list-style-type: none">Developed business-specific reports and smart forms using ABAP.Performed code debugging and optimization.Used SAP GUI and documented technical processes.	
Software Intern (.NET & SAP ABAP) - Hyundai Motor Company	Sep 2024
<ul style="list-style-type: none">Worked on a .NET web application with MySQL as the backend database.Performed SAP ABAP development and testing in a sandbox environment.	
AI Research Intern (Medical Imaging) - Kocaeli University	Aug 2024
<ul style="list-style-type: none">Conducted research on brain tumor detection with deep learning.Implemented classification experiments on medical image data.	
Software Intern (.NET & MySQL) - Torun Metal	Jul 2024
<ul style="list-style-type: none">Built a .NET web application for internal use.Managed database operations with MySQL using PhpMyAdmin.	

EDUCATION

Kocaeli University — Izmit, Turkey	Sep 2021 – Jun 2025
B.Sc. in Computer Engineering	
<ul style="list-style-type: none">GPA: 2.95 / 4.00	
Izmit Atılım Anatolian High School	Sep 2016 – Jun 2020
High School Diploma	
<ul style="list-style-type: none">GPA: 91.12 / 100	

SELECTED PROJECTS

Graduation Project – CLAM-Based Cancer Classification System (TÜBİTAK 2209-A Supported)

- Developed a deep learning system using the CLAM (Cluster-Attention Multiple Instance Learning) method to classify breast and colon cancer from histopathological WSI images.
- Implemented CNN-based feature extraction (DenseNet169), image preprocessing, patch generation, and attention-based MIL training to improve diagnostic performance.
- Benchmarked results using metrics like Accuracy, AUC, F1-Score, and compared performance with existing literature.
- Deployed the model in a user-friendly web application to support real-time clinical evaluation of pathology slides.
- Tools Used: Python, PyTorch, OpenCV, scikit-learn, HDF5, Django

SAP ABAP Tools (Hyundai Internship)

- Designed internal smart forms; integrated with SAP data structures.
- Exposure to enterprise workflows and performance considerations.

Wordle-Style Mobile Game (Flutter + Firebase)

- Implemented gameplay logic and state tracking.
- User data stored in Firebase.

Problem Solver Platform (.NET + MySQL)

- Internal solution-sharing platform with user/admin authentication.
- Data stored in MySQL; managed through PhpMyAdmin.

Academic Article Suggestion System (NLP)

- Preprocessed scholarly text; generated embeddings with FastText & SciBERT.
- Ranked and returned top 5 article suggestions by vector similarity.
- MongoDB backend.

Web Scraping Academy App (Django + MongoDB + Elasticsearch)

- Scrapped academic publication data by keyword; indexed for search.
- Built a searchable web interface in Django; Elasticsearch for retrieval.

TECHNICAL SKILLS

- **Programming:** Python, ABAP, Java, C#, C
- **Web / App:** Django, .NET, Flutter, HTML, CSS, JavaScript
- **Databases:** MySQL, MongoDB, Firebase
- **Tools & Platforms:** Git, PhpMyAdmin, SAP GUI, Elasticsearch
- **AI / ML:** Deep Learning, NLP Preprocessing, Image Classification

CERTIFICATES & PROGRAMS

- TÜBİTAK 2209-A Research Project (Deep Learning / Medical Imaging)
- SAP ABAP Basic Level Training (Udemy - 25.5h)
- SAP ABAP Advanced Level Training (Udemy - 8.5h)
- Python | Beginner to Advanced Programming Course | 2025 (Udemy - 30.5h)
- HTalent Digital Certificate (1-Month Program)
- Be in'Novation Ideation Camp (Atölye Girişim, 25h)

LANGUAGES

- Turkish
- English
- Arabic

INTERESTS

- Playing piano

REFERENCES

Atilla ALTAŞ

- IT Group Lead, Hyundai Motor Company
- Phone: +90 532 596 50 30

Yücel ERTUĞRUL

- Director of Information Technology, Torun Metal
- Phone: +90 530 782 70 84