



# EBRU RAZI

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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

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

## EDUCATION

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

## SELECTED PROJECTS

<b>Graduation Project – CLAM-Based Cancer Classification System (TÜBİTAK 2209-A Supported)</b>
<ul style="list-style-type: none"><li>Developed a deep learning system using the CLAM (Cluster-Attention Multiple Instance Learning) method to classify breast and colon cancer from histopathological WSI images.</li><li>Implemented CNN-based feature extraction (DenseNet169), image preprocessing, patch generation, and attention-based MIL training to improve diagnostic performance.</li><li>Benchmarked results using metrics like Accuracy, AUC, F1-Score, and compared performance with existing literature.</li><li>Deployed the model in a user-friendly web application to support real-time clinical evaluation of pathology slides.</li><li>Tools Used: Python, PyTorch, OpenCV, scikit-learn, HDF5, Django</li></ul>

### **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)**

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

## **TECHNICAL SKILLS**

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- **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**

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- HTalent Digital Certificate (1-Month Program)
- Be in'Novation Ideation Camp (Atölye Girişim, 25h)
- TÜBİTAK 2209-A Research Project (Deep Learning / Medical Imaging)

## **LANGUAGES**

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- Turkish
- English
- Arabic

## **INTERESTS**

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- Playing piano

## **REFERENCES**

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### **Atilla ALTAŞ**

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

### **Yücel ERTUĞRUL**

- Director of Information Technology, Torun Metal
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