

EDUCATION

Istinye University — Master’s in Artificial Intelligence <i>Bachelor’s in Computer Engineering (GPA: 3.17, Graduated February 2025)</i>	February 2025 – Present
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EXPERIENCE

Tubitak Project Research Intern <i>Istinye University</i> <ul style="list-style-type: none">Contributing to a 36-month project on Early-Stage Pediatric Cardiology Anomaly Detection, enhancing early detection of congenital heart anomalies using geometric analysis and computational modeling.Engineered an automatic image segmentation model using U-Net on MRI scans from 100+ patients, accurately delineating cardiovascular structures from annotated ground truth masks for clinical insight.	December 2024 - Present <i>Istanbul, Turkey</i>
AI Research Intern <i>Yuva Intelli AI Solutions.</i> <ul style="list-style-type: none">Built an end-to-end OCR system using OpenCV for preprocessing, integrated Tesseract, Azure, and Gemini for robust text extraction, and automated batch number detection with confidence-based logging.Developing an Arabic audio analytics pipeline leveraging Whisper for transcription, CAMEL-BERT for sentiment analysis, and LDA/TF-IDF for topic modeling, producing insights via interactive visual dashboards.	February 2025 - Present <i>Hyderabad, India</i>
Computer Engineer Internship <i>Big Property Agency</i> <ul style="list-style-type: none">Implemented a real estate website with 30+ properties, JWT-based authentication, and efficient property search functionality [Live Demo]Produced a full-stack web application using the MERN stack (MongoDB, Express, React, Node.js) with core functionality while offering 5 comprehensive guides on Turkish investment opportunities	July 2023 - August 2023 <i>Istanbul, Turkey</i>
Student Research Assistant <i>Istinye University</i> <ul style="list-style-type: none">Conducted research on machine learning applications in healthcare, including hyperthyroid detection with 1356 patients and fetal health risk analysis with 2126 patients .Achieved 99.53% accuracy in fetal health analysis using Random Forest and Optimized predictive models in Python with Scikit-learn, Pandas, and NumPy for data preprocessing, feature engineering, and analysis.	November 2023 - February 2025 <i>Istanbul, Turkey</i>

PROJECTS

MealDiary App <i>C-Sharp,.NET, React, PostgreSQL</i> <ul style="list-style-type: none">Developed MealDiary, a web-based meal tracker that logs and categorizes 100+ home-cooked recipes using flexible tag-based filtering (e.g., breakfast, lunch, dinner, vegetarian).Engineered a scalable backend with C# (.NET 8), Entity Framework Core 9, PostgreSQL, and secure JWT authentication, while designing the frontend with React 18Integrated Cloudinary for 100+ image management, containerized the backend with Docker, and Deployed the application on Render with Supabase-hosted PostgreSQL. . [Live Demo]	December 2024 - February 2025
Mcommerce <i>React, MongoDB, Node.js, Express.js, Git</i> <ul style="list-style-type: none">Developed a full-stack MERN MCommerce platform hosting 10+ user accounts with user registration, authentication using JSON Web Tokens (JWT), and secure browsing functionalities.Designed and integrated an admin panel to manage 40+ products and categories, providing an interface for easy product updates and inventory management [Live Demo]	May 2023 – July 2023

TECHNICAL SKILLS

Languages: Python, Java, C#, JavaScript, HTML/CSS, SQL
Frameworks/Libraries: React, Node.js, .NET, Express.js, Pandas, NumPy, Scikit-learn, OpenCV, PyTorch, LangChain, Transformers, Matplotlib, Seaborn
AI/NLP Tools: OpenAI Whisper, Tesseract OCR, Azure AI, Google Gemini, CAMEL-BERT, TF-IDF, LDA
Databases: PostgreSQL, MongoDB
Developer Tools: Git, VS Code, Visual Studio, Docker, pgAdmin, Supabase