

Esat Adiloglu

xxxxxxxxxxxxx, NJ | xxx-xxx-xxxx | esatadiloglu16@gmail.com | linkedin.com/in/esat-adiloglu | github.com/EsatAdiloglu

EDUCATION

Stevens Institute of Technology <i>Bachelor of Science in Computer Science GPA: 3.890</i>	Hoboken, NJ <i>Expected May 2026</i>
Scholarships and Awards: Edwin A. Stevens, Dean's List: Fall 2023-Spring 2025	
Relevant Coursework: Cloud Computing, Deep Learning, Agile Methodologies, Software Development, Database Management, Web Programming, Data Structures and Algorithms	

TECHNICAL SKILLS

Languages: Java, TypeScript, JavaScript, Python, C, C++, SQL, Bash, HTML, CSS
Technologies and Frameworks: Spring Boot, Next.js, React, Angular, Express.js, Node.js, Electron.js, Redux, Pandas, Numpy, PostgreSQL, MySQL, MongoDB, Firebase, Redis, Pinecone
Cloud & Devops: AWS, Google Cloud Provider, Git, Docker, CI/CD (GitHub Actions)

EXPERIENCE

Backend Developer <i>Mentorly Learn</i>	July 2025 - Present <i>Remote</i>
<ul style="list-style-type: none">Engineered 15+ JWT-protected REST API endpoints using a Java Spring Boot MVC backend, and created 3 MySQL schemas, to improve the interactions between tutors and studentsImplemented secure and easily accessible homework file uploads and retrieval using Google Cloud storage bucketDelivered 92% coverage of endpoints and database access by implementing 50+ unit tests using JUnit and MockitoCollaborated in an agile team environment to ensure efficient project progress and alignment	
Course Assistant <i>Stevens Institute of Technology</i>	September 2024 - Present <i>Hoboken, NJ</i>
<ul style="list-style-type: none">Assisted in 2 courses of 40+ students each, covering material in programming fundamentals and data structuresHosted weekly office hours and recitations/labs, addressing student questions and providing additional supportGraded home works and labs in a timely manner, giving feedback on incorrect answers and coding mistakes	
Software Engineer <i>Unes Meat and Chicken LLC</i>	May 2024 - August 2024 <i>Hackettstown, NJ</i>
<ul style="list-style-type: none">Designed and developed an inventory management system using Electron.js and React, providing a team of 5 people with quicker and accurate livestock count and financial recordsImplemented a CI/CD pipeline (GitHub Actions) to automate the testing, building and deployment stages of the management system, cutting deployment time and reducing operational overheadIntegrated an Excel spreadsheet with a data visualization dashboard using RechartsGathered feedback from the owner during meetings to enhance product reliability and ensure user satisfaction	

PROJECTS

Advanced Turkish Translator <i>Next.js, Java, Springboot, PostgreSQL, Material-UI</i>	July 2025 - August 2025
<ul style="list-style-type: none">Developed an English-Turkish translator that provides both full-sentence and word-level meanings, coupled with a flashcard feature and spaced repetition algorithm to strengthen user vocabulary retentionIntegrated DeepL API and Zemberek NLP into the Java Spring Boot backend to provide accurate translations, including decomposition of Turkish words into root words and suffixes for enhanced precisionImplemented data persistence with JPA/Hibernate ORM for reliable SQL database interactions and entity-DTO mappers for communication between the frontend and backendUtilized JWT-based authentication and middleware to prevent unauthorized access, and Bucket4j rate limiting to control request frequency, maintaining system integrity	
Rate My Professor Chatbot <i>Next.js, Gemini, Python, Pinecone, Material-UI</i>	August 2024
<ul style="list-style-type: none">Built an AI-powered chatbot to deliver professor reviews and ratings through a user-friendly, interactive interface.Designed a backend API powered by a RAG Pipeline that uses LangChain, Ollama, and a Pinecone vector database to generate accurate, context-aware responses to user queries.Integrated a Pinecone vector database with Python to store, retrieve, and index professor-related data efficiently.	