

# Esat Adiloglu

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## EDUCATION

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

## TECHNICAL SKILLS

<b>Languages:</b> Python, Java, Typescript, Javascript, C, C++, SQL, Bash, HTML, CSS
<b>Frameworks and Libraries:</b> Spring Boot, Next.js, React, Angular, Express.js, Node.js, Redux, Pandas, Numpy
<b>Databases:</b> PostgreSQL, MySQL, MongoDB, Firebase, Redis, Pinecone
<b>Cloud &amp; Devops:</b> AWS, GCP, Git, Docker, CI/CD (GitHub Actions)

## EXPERIENCE

<b>Backend Developer</b> <i>Mentorly Learn</i>	July 2025 - Present <i>Remote</i>
<ul style="list-style-type: none"><li>Extended a Java Spring Boot backend with MySQL by designing data models and implementing JWT-secured REST APIs for tutor-student interactions.</li><li>Leveraged Google Cloud Provider (GCP) cloud storage bucket to store and retrieve a homework file attachments.</li><li>Delivered 90% coverage with 60+ unit tests using JUnit and Mockito, ensuring reliable database access.</li><li>Collaborated in an agile team environment to ensure efficient project progress and alignment.</li></ul>	
<b>Course Assistant</b> <i>Stevens Institute of Technology</i>	September 2024 - May 2025 <i>Hoboken, NJ</i>
<ul style="list-style-type: none"><li>Assisted in 2 courses that had 40+ students each with programming topics and assignments in Python and Java.</li><li>Hosted weekly office hours and recitations to assist students on homework, labs, and topics covered in class.</li><li>Graded the students' homework, labs, and tests in a timely manner.</li></ul>	
<b>Software Engineer</b> <i>Unes Meat and Chicken LLC</i>	May 2024 - August 2024 <i>Hackettstown, NJ</i>
<ul style="list-style-type: none"><li>Engineered an inventory management system using Electron.js and Spring Boot for a 5 person team, integrating an Excel-based database to track livestock count and financial transactions on a daily basis.</li><li>Reduced monthly spending by 22% by analyzing the spreadsheet with over 1000 rows using Python and Pandas.</li><li>Implemented a CI/CD (GitHub Actions) pipeline to automate testing, building and deployment of the management system, leading to a 40% reduction in deployment time.</li><li>Spearheaded weekly meetings with the business owner to gather feedback, and prioritize features, improving product reliability and user satisfaction.</li></ul>	

## PROJECTS

<b>Advanced Turkish Translator</b>   <i>Next.js, Springboot, PostgreSQL, Material-UI</i>	July 2025 - August 2025
<ul style="list-style-type: none"><li>Developed an English-Turkish translator that provides both full-sentence and word-level meanings, coupled with a flashcard feature to strengthen user vocabulary.</li><li>Integrated DeepL API and Zemberek NLP into the Spring Boot backend to deliver accurate translations.</li><li>Implemented JWT authentication to safeguard user and ensure secure, reliable access control across the platform.</li></ul>	
<b>Rate My Professor Chatbot</b>   <i>Next.js, Gemini, Python, Pinecone, Material-UI</i>	August 2024
<ul style="list-style-type: none"><li>Built an AI-powered chatbot to deliver professor reviews and ratings through a user-friendly, interactive interface.</li><li>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.</li></ul>	
<b>Stevens Final Exam Finder</b>   <i>Typescript, React, Node.js, Express, PostgreSQL</i>	July 2024
<ul style="list-style-type: none"><li>Collaborated with a team of three during a hackathon to create a web application to streamline final exam dates and times for 1000+ Steven Institute of Technology students.</li><li>Modified Excel-style exam schedules into a PostgreSQL database, optimizing data management and retrieval.</li></ul>	