

# Esat Adiloglu

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## EDUCATION

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

<b>Languages:</b> Java, TypeScript, JavaScript, Python, C, C++, SQL, Bash, HTML, CSS <b>Technologies and Frameworks:</b> Spring Boot, Next.js, React, Angular, Express.js, Node.js, Electron.js, Redux, Recharts, AJAX, jQuery, Pandas, Numpy, PostgreSQL, MySQL, MongoDB, Firebase, Redis, Pinecone <b>Cloud &amp; Devops:</b> AWS, GCP, Git, Linux, Docker, Kubernetes, CI/CD	
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## EXPERIENCE

<b>Backend Developer</b> <i>Mentorly Learn</i>	July 2025 - Present <i>Remote</i>
<ul style="list-style-type: none"><li>Built backend features of a tutor-student platform by developing <b>15+</b> RESTful API endpoints with Java Spring Boot MVC, Spring Data JPA/Hibernate, integrating Flyway to extend the MySQL schema with <b>5</b> new tables</li><li>Optimized API response times and reduced database load by implementing a caching layer with Redis</li><li>Built scalable media handling workflows using GCP Storage and secured all endpoints with custom JWT filters</li><li>Collaborated in an Agile team of <b>10+ developers</b>, leveraging GitLab for task coordination and project delivery</li></ul>	
<b>Course Assistant</b> <i>Stevens Institute of Technology</i>	September 2024 - Present <i>Hoboken, NJ</i>
<ul style="list-style-type: none"><li>Assisted in two courses with <b>40+</b> students each on programming fundamentals (Python) and data structures (Java)</li><li>Hosted weekly office hours and recitations/labs, addressing student questions and providing additional support</li><li>Graded homeworks and labs in a timely manner, giving feedback on incorrect written answers and coding mistakes</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 in-house inventory management system using Electron.js, React, Redux, and Node.js, enabling a team of <b>5</b> to track livestock counts and financial records with improved speed and accuracy</li><li>Streamlined on-demand inventory insights and data-driven decisions by converting <b>1,000+</b> Excel records into structured JSON data using SheetJS and integrating with a Recharts dashboard</li><li>Accelerated deployment time by about <b>60%</b> by building a CI/CD pipeline using Docker and GitHub Actions</li><li>Improved system usability and user satisfaction by conducting weekly stakeholder meetings to gather feedback</li></ul>	

## PROJECTS

<b>Advanced Turkish Translator</b>   <i>Next.js, Java, Spring Boot, PostgreSQL, Material-UI</i>	July 2025 - August 2025
<ul style="list-style-type: none"><li>Developed a full-stack English-Turkish translator application, offering both full-sentence and word-level meaning with flashcard feature and spaced repetition algorithm to enhance vocabulary retention</li><li>Achieved in-depth sentence and word-level analysis by integrating DeepL and Zemberek NLP into the backend</li><li>Improved flashcard response time by <b>27%</b> by implementing caching and optimizing SQL queries for vocab retrieval</li></ul>	
<b>RateTheThemePark</b>   <i>JavaScript, CSS, , Express, jQuery, Handlebars, AJAX</i>	September 2024 - December 2024
<ul style="list-style-type: none"><li>Engineered a full-stack web application allowing users to rate and comment on theme parks, rides, and food stalls</li><li>Built a secure auth system with encrypted password storage in the DB and XSS-protected RESTful API endpoints</li><li>Developed a responsive frontend with client-side validation and real-time updates to enhance user interaction</li></ul>	
<b>Rate My Professor Chatbot</b>   <i>Next.js, Gemini, Python, Pinecone, LangChain, Ollama, Material-UI</i>	August 2024
<ul style="list-style-type: none"><li>Built an AI-powered chatbot delivering professor reviews and ratings through a user-friendly, interactive interface</li><li>Implemented a RAG-powered backend API to generate accurate, contextually relevant responses to user queries</li></ul>	