

Esat Adiloglu

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EDUCATION

Stevens Institute of Technology <i>Bachelor of Science in Computer Science GPA: 3.890</i> Scholarships and Awards: Edwin A. Stevens, Dean's List: Fall 2023-Spring 2025 Relevant Coursework: 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

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, Recharts, AJAX, jQuery, Pandas, Numpy, PostgreSQL, MySQL, MongoDB, Firebase, Redis, Pinecone Cloud & Devops: AWS, GCP, Git, Linux, Docker, Kubernetes, CI/CD	
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EXPERIENCE

Backend Developer <i>Mentorly Learn</i> <ul style="list-style-type: none">Developed scalable backend features for an educational platform, developing 20+ RESTful API endpoints using Java Spring Boot and Spring Data JPA, and managing 6 MySQL schema migrations with FlywayOptimized API response latency by 47% and reduced database load by implementing a caching layer with RedisBuilt scalable media handling workflows using GCP Storage and secured all endpoints with custom JWT filtersCollaborated in an Agile team of 10+ developers, leveraging GitLab for task coordination and project delivery	July 2025 - Present <i>Remote</i>
Course Assistant <i>Stevens Institute of Technology</i> <ul style="list-style-type: none">Assisted in two courses with 40+ students each on programming fundamentals (Python) and data structures (Java)Hosted weekly office hours and recitations/labs, addressing student questions and providing additional supportGraded homework and labs in a timely manner, giving feedback on incorrect written answers and coding mistakes	September 2024 - Present <i>Hoboken, NJ</i>
Software Engineer <i>Unes Meat and Chicken LLC</i> <ul style="list-style-type: none">Engineered a cross-platform inventory management application using Electron.js, React, and Node.js, enabling a team of 5 to manage livestock and financial data with improved data integrityStreamlined 1,000+ legacy Excel records into structured JSON using SheetJS to power an interactive Recharts dashboard, facilitating on-demand inventory insights and saving 7+ hours of manual work weeklyReduced deployment time by 60% by engineering a robust CI/CD pipeline using Docker and GitHub ActionsImproved system usability by delivering feature upgrades and UI refinements based on weekly stakeholder feedback	May 2024 - August 2024 <i>Hackettstown, NJ</i>

PROJECTS

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