

Esat Adiloglu

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

EDUCATION

Stevens Institute of Technology

Bachelor of Science in Computer Science | GPA: 3.890

Hoboken, NJ

Expected May 2026

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

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

EXPERIENCE

Backend Developer

July 2025 - Present

Remote

Mentorly Learn

- 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 Flyway
- Optimized API response latency by **47%** and reduced database load by implementing a caching layer with Redis
- Built scalable media handling workflows using GCP Storage and secured all endpoints with custom JWT filters
- Collaborated in an Agile team of **10+ developers**, leveraging GitLab for task coordination and project delivery

Course Assistant

September 2024 - Present

Hoboken, NJ

Stevens Institute of Technology

- 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 support
- Graded homework and labs in a timely manner, giving feedback on incorrect written answers and coding mistakes

Software Engineer

May 2024 - August 2024

Hackettstown, NJ

Unes Meat and Chicken LLC

- 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 integrity
- Streamlined **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 weekly
- Reduced deployment time by **60%** by engineering a robust CI/CD pipeline using Docker and GitHub Actions
- Improved system usability by delivering feature upgrades and UI refinements based on weekly stakeholder feedback

PROJECTS

Advanced Turkish Translator | Next.js, Java, Spring Boot, PostgreSQL, Material-UI

July 2025 - August 2025

- 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 retention
- Achieved in-depth sentence and word-level analysis by integrating DeepL and Zemberek NLP into the backend
- Improved flashcard response time by **27%** by implementing caching and optimizing SQL queries for vocab retrieval

RateTheThemePark | JavaScript, CSS, Express, jQuery, Handlebars, AJAX

September 2024 - December 2024

- Engineered a full-stack web application allowing users to rate and comment on theme parks, rides, and food stalls
- Built a secure auth system with Bcrypt password storage in the DB and XSS-protected RESTful API endpoints
- Developed a responsive frontend with client-side validation and real-time updates to enhance user interaction

Rate My Professor Chatbot | Next.js, Gemini, Python, Pinecone, LangChain, Ollama, Material-UI

August 2024

- Built an AI-powered chatbot delivering professor reviews and ratings through a user-friendly, interactive interface
- Implemented a RAG-powered backend API to generate accurate, contextually relevant responses to user queries