Esat Adiloglu

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EDUCATION

Stevens Institute of Technology   Hoboken, NJ
Bachelor of Science in Computer Science | GPA: 3.890   *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
Mentorly Learn   *Remote*
- Built backend features of a tutor-student platform by developing **15+** RESTful API endpoints with Java Spring Boot MVC, Spring Data JPA/Hibernate, and JWT auth, while extending the MySQL schema with **5** new tables
- Designed and developed a blog feature with posts, comments, nested replies, pagination, custom filtering, and multi-post status workflows, leveraging GCP Storage buckets for scalable, efficient media storage
- Achieved **92%** coverage of endpoints and DB access by implementing **50+** unit tests using JUnit and Mockito
- Collaborated in Agile sprints with **10+ developers**, utilizing GitLab for task coordination and project delivery

Course Assistant   September 2024 - Present
Stevens Institute of Technology   *Hoboken, NJ*
- Assited 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 homeworks and labs in a timely manner, giving feedback on incorrect written answers and coding mistakes

Software Engineer   May 2024 - August 2024
Unes Meat and Chicken LLC   *Hackettstown, NJ*
- Engineered an in-house inventory management system using Electron.js, React, Redux, and Node.js, enabling a team of **5** to track livestock counts and financial records with improved speed and accuracy
- Streamlined on-demand inventory insights and data-driven decisions by converting **1,000+** Excel records into structured JSON data using SheetJS and integrating with a Recharts dashboard
- Accelerated deployment time by about **60%** by building a CI/CD pipeline using Docker and GitHub Actions
- Improved system usability and user satisfaction by conducting weekly stakeholder meetings to gather feedback

PROJECTS

Advanced Turkish Translator | *Next.js, Java, Spring Boot, PostgreSQL, Material-UI*   July 2025 - August 2025
- 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
- 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 encrypted 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