

Emre Can Kadirhan

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SKILLS

Programming Languages: Python, Java, JavaScript, TypeScript, C, C++

Frameworks: Django, React, Spring Boot, Next.js

Tools and Technical Skills: Git/GitHub, Docker, CI/CD, AWS, Linux/Unix, Postman, PyTest, PostgreSQL, MySQL, SQLite, Prisma, Redis, MediaPipe

PROJECTS

SwingVision - AI Golf Swing Analyzer | Next.js, Python, PostgreSQL, Redis, MediaPipe, BetterAuth, Prisma | [GitHub](#)

- Built a Python worker using OpenCV and MediaPipe to overlay real-time AI pose skeletons on user-uploaded golf swing videos for biomechanical analysis
- Integrated Redis based async task queue to offload video processing, keeping web response times under 200ms during heavy load
- Architected a PostgreSQL (Neon) schema to manage user accounts, video metadata, and professional coaching feedback with relational integrity
- Implemented role-based access control using Next.js and BetterAuth, supporting separate user and admin dashboard experiences

E-Commerce Auction Platform | Python, Django, SQLite, StripeAPI

- Built a full-featured auction platform with user authentication, real-time bid validation, category filtering, watchlists, and buyer/seller commenting
- Integrated Stripe API for secure payment processing on completed auction transactions

Student Management System | Java, SpringBoot, MySQL, Postman

- Architected a full-stack CRUD application with Spring Boot and MySQL to manage student academic records and personal data
 - Designed and tested 15+ RESTful API endpoints using Postman, covering full request/response lifecycle validation
 - Implemented multi-parameter search and dynamic sorting, reducing administrative data retrieval time
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EXPERIENCE

TQueue Software StartUp

Istanbul, Turkey

Software Engineer Intern

June 2024 – August 2024

- Optimized backend queries and refactored inefficient code paths, improving performance and scalability of core services
 - Refactored the customer management module to a more modular, service-oriented architecture, reducing technical debt and improving feature delivery speed
 - Participated in code reviews for a team of 3+ engineers, providing constructive feedback that improved code quality and reduced review cycle time
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EDUCATION

Arizona State University – Tempe, AZ B.S. in Computer Science | Expected Graduation: May 2027 | GPA: 3.86

The University of Texas at Dallas – Richardson, TX B.S in Computer Science | 2022 – 2025