Koray Ozturkler

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OVERVIEW
Software engineer with experience across the stack, specializing in app development and backend web services. Passionate about building robust applications within a fast-paced, team-driven environment.

EDUCATION
North Carolina State University, Raleigh NC   *May 2027*
B.S. in Computer Science   *Cumulative 4.0 (Major 3.9)*

SKILLS
- **Languages:** Java, Python, HTML, CSS, TypeScript, Go
- **Frameworks:** React, Flutter, Spring Boot, FastAPI, TailwindCSS
- **Technologies:** Git, Jenkins, Firebase, MySQL, REST, gRPC

EXPERIENCE
Test Automation Intern, Garanti BBVA, Istanbul   *June 2025 — August 2025*
- Developed robust integration tests with JUnit for critical financial services, increasing code coverage and ensuring confident code deployments for all scrum teams.
- Authored Python scripts to automate production error detection and generate data-driven sprint reports, saving manual effort and improving team insights.
- Mentored a new team member on codebase, testing frameworks, and team procedures, accelerating their onboarding process.
- Proactively identified and documented bugs with suggested solutions, accelerating resolution time and enhancing application stability.

Software Development Intern, ATP Zenia, Istanbul   *May 2024 — August 2024*
- Collaborated in a tight-knit agile team to implement a frontend application using Flutter for major fast-food chains like Burger King, Popeyes, & Arby's to streamline inventory management.

COURSEWORK
Operating Systems, Data Structures & Algorithms, Network Security, Theory of Programming Languages

LEADERSHIP
Hack_NCState Planning Committee, Director of Software   *September 2023 — Present*
- Organize and run the largest NC State hackathon with 300+ participants annually
- Lead the development of Hack_NCState Today, a React and Firebase-powered interactive dashboard to improve participant engagement, communication, and moderation
- Lead a team of 6 students to redesign and maintain the landing page, tailoring it to our annual theme

App Development Club, Flutter Co-Lead   *September 2023 — Present*
- Co-lead and mentor a group of 20+ students in building full-stack Flutter applications, teaching concepts from UI design to state management
- Co-lead a team of 8 students to develop CoursePilot, a platform to plan your NC State schedule with built-in waitlist tracking and RateMyProfessor integration, utilizing Flutter and FastAPI

TECHNICAL PROJECTS
reddit2md: A CLI tool written in Go to package linked Reddit threads into Markdown and EPUB