Çağrı Kutay Ok

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EDUCATION

- **TOBB Economy and Technology University** — Ankara, Turkey
  B.Sc in Industrial Engineering; GPA: 3 — *Sep. 2020 – June. 2024 (expected)*

EXPERIENCE - PROJECTS

- **WUYD BLOG**
  Software Project — *August 2022 - Present*
  - **Purpose**: Developing a blog to keep my works documentated, organized.
  - **Technologies Used**: Typescript, Using Sanity as a backend CMS, NextJS for FrontEnd to use ISR for each blog post, SSR for homepage. Docker and Google Cloud Run for deployment.

- **DataFlex**
  Software Project — *June 2022 - Present*
  - **Purpose**: Making data automation based projects, to companies and government.
  - **Project 1: Blockchain Advertising Company**: Using Scrapy as a webscraper, FastAPI as a backend service for scraper. Worked with 4 blockchain websites by executing 4 parallel tasks. Using Google Scheduler to keep data fresh. NextJS for FrontEnd. Scraping nearly 2k potential client data in 30 seconds.
  - **Project 2: Ankara Pharmacy Room (Government)**: A system catching illegal medicine selling from e-commerce websites. Using BS4+Threading for webscraper. Filtering with Jaro–Winkler distance to find product name changes. Searching for 30k medicine from 8 websites under 8 minutes.

- **Software Project - QR Ticket System**
  Software Engineer — *March 2022 - April 2022*
  - **Purpose**: a system that can handle 3k QR tickets, and scan and enter system.
  - **From**: A university in Ankara for summer festival.
  - **Technologies**: Using Firebase Back-End to store tickets. React for Front-End, QR-Code reader library for scanning, reading matching tickets in Firebase.
  - **Testing**: The Festival got canceled but I had a chance to test my app with 100 people. Worked mostly correctly despite minor bugs.

- **TOBB ETU - Blockchain Community Leading** — Ankara, Turkey
  Community Lead — *April 2022 - Present*
  - **Technical Leading**: Leading and managing nearly 30 people in technical parts of the community.Tech team developing dApps with Solidity + Hardhat + EtherJS + React. Aiming to develop 8 dApps per month.
  - **Core Leading**: Planning and Designing Core Team's system about planning, documentation, and work sharing.
  - **Instructor**: Training students (50-60 students) to become Full-Stack Blockchain web3 Developer. Teaching HTML-CSS-JavaScript-ReactJS-Solidity-EtherJS-Hardhat. Trained 5 students until now (Estimated to increase up to 10 students .

- **TOBB ETU - App Development Community Leading** — Ankara, Turkey
  Community Lead — *July 2022 - Present*
  - **Community Leading**: Planning and Designing Core Team's system about planning, documentation, and work sharing. Leading 30-40 active people in community to make mobile, desktop, web apps. Tech team develop Web Apps with NextJS/ExpressJS. Mobile Apps Java/Kotlin/React Native. HR Team is trying to create network and making social media.

- **Crossing Paths Program Coordinator**
  Volunteer — *September 2021 - Present*
  - **Program Coordinator**: Coordinating a program named Career Talks. Managing 3 people, making educative streams aiming to young people. Since I became Coordinator, broadcasting frequency growth 2x-3x,views per day growth 3x-4x. Developing automated systems with Python+APIs (For data-based works), NextJS Framework + APIs (For guest-based works). These automations speeded works up to 5-6x.

PROGRAMMING SKILLS

- **Languages**: SQL, NoSQL, Python, Javascript, TypeScript, ReactJS, NextJS