

# Imran Hasanzade

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## PROJECTS

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### Youtube Notepad: Solo project

- Built a *Manifest V3 Chrome Extension* that injects a **Quill rich-text notepad** into the YouTube video page & player via a *content script and JS MutationObservers*
- Implemented per-video note data persistence & synchronization across multiple tabs using: **debounced writes** to chrome storage, manual *refetch & revalidation logic*, and **window to iframe** communication.
- Developed a *custom Webpack build pipeline* in a node environment and a separate **React Vite** dashboard for managing notes.
- Implemented **persistent user preferences**, including notepad visibility state, dark theme support, and *hide-by-default behaviour*.

### SUMarketplace: Team of 6

- Contributed to building a student-to-student marketplace app that allows users to **list items for sale** and **message sellers** to facilitate transactions.
- Learned **Flutter** basics such as: *Layout widgets, Stateful widgets, Forms, and Navigation*.

### Campus App for Visually Impaired: Team of 3

- Participated in developing an assistive navigation application with real-time indoor location detection within one floor of a campus building.
- Built & *labeled* a floor corridor image **dataset** using **Roboflow** and trained a **YOLO11 object detection model**; however the end result was not accurate.

## EDUCATION

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Sabanci University, Istanbul, Turkey  
Major: Computer Science & Engineering

2023-Present  
Expected Graduation: June 2027

Istanbul International School, Istanbul, Turkey  
*Graduation Award*: Second-Highest Academic Standing in Class

2016-2023  
**SAT**: 1470/1600 **TOEFL**: 112/120

## CORE SKILLS

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**Frontend**: React, SWR, NextJS, Suspense, Framer Motion, Tailwind, and CSS Modules.

Gained certificate from **TheJoyOfReact** course

**Backend**: NodeJS, Express, MongoDB

Completed **MERN stack** course by Codesistency

**Developer Tools**: Git, Git branching, parallel agentic coding workflows *via Git worktrees*, Codex, Claude, Webpack, Postman and TypeScript basics.

**Languages**: English - Fluent; Russian, Azerbaijani/Turkish - Heritage; Arabic - Learning