

Çınar Doruk

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Summary

- Self-taught full stack SWE with experience using ASP.NET Core, Angular, React, Express.js, and Django.
- Transitioned from scientific research and tutoring to software through freelancing and building projects.
- Seeking a Junior developer role where I can leverage my problem solving skills and breadth of knowledge.

Experience

Intern Software Engineer, Changebase – San Rafael, CA July 2025 – Present

Tech: Express, MongoDB, Mongoose, Pug, Bootstrap, HTMX, Quill.js, Docker, Git

- Implemented company blog frontend and backend using resourceful routes and HTMX for simple reactive views.
- Implemented emoji reaction system from scratch with a tooltip histogram and dropdown emoji picker in multiple views. Created the client Javascript code, Mongoose model methods, and Express.js routes to add reactivity.
- Integrated Quill.js rich text editor into multiple form fields with auto-save and conditional read-only permissions.
- Built comment system with nested replies, inline editing, and reactive UI.
- Enhanced authorization system with granular permissions for roles, protecting sensitive data.
- Improved frontend UX with customized Bootstrap components and clientside JS for reactivity.
- Conducted 1-on-1 user tests to collect feedback for the product development process.

Software Engineer Freelance – Marmaris, Turkey Feb 2018 – Present

- Completed various web and scripting projects for clients on Freelancer, Upwork, and my social circle.

Tutoring English and Math Tutoring 2017 – Present

- Taught Math and English(as a CELTA certified ESL tutor) privately while self-studying programming.

Lab Assistant, Kay Lab, University of Chicago – Chicago, USA Aug 2013 – Sept 2014

- Facilitated data collection by assisting and performing probe implantation surgeries on rats
- Helped research by setting up and supervising computer assisted animal behavioral training

Projects

ParaSay parasay-ldtsvdd342.expo.app

Tech: React Native, Expo, TypeScript

- Mobile currency calculator app for Turkish Lira denominations, publishing soon on Google Play Store.
- Custom numeric input component with autofocus to the next field after input and real-time sum calculation.

TaleToss github.com/cinardoruk/taletoss

Tech: Angular 17, .NET 8 ASP.NET Core, PostgreSQL, Docker Compose

- SPA that generates visual prompts for ESL speaking practice through story improvisation.
- REST APIs for SVG file CRUD, database seeding, JWT Bearer authentication

duvardekoru.com (Freelance work) Feb 2024 – November 2024 duvardekoru.com

Tech: HTML, CSS, Bootstrap, JavaScript, Django, PostgreSQL, Unicorn, Nginx, Docker Compose

- An ecommerce website for a decorative art business in Turkey that serves personal and institutional clients.

Skills

Languages: C#, TypeScript, JavaScript, Python, SQL, HTML, CSS, Bash, C, Lua

Frameworks/Libraries: ASP.NET Core, .NET8, Entity Framework, Node.js, Express.js, Mongoose, pg, Expo, React, React Native, Angular 17, Django, Flask, Pandas, Pug, Bootstrap, HTMX, Tailwind, Quill.js

Databases: PostgreSQL, MongoDB, SQLite

DevOps/Infrastructure: Docker, Nginx, Expo EAS, custom deployment & admin automation using Bash scripts

Development/OS Tools: vscode, neovim, diffview.nvim, Git, Jupyter Notebook, tmux, powershell

Systems: Linux(daily driver since 2010. Ubuntu, Debian, Arch, Artix), Unix toolchain, Windows, macOS

Spoken Languages: English (Native/Bilingual), Turkish (Native/Bilingual)

Education

Microsoft Learn / freeCodeCamp – Foundational C# with Microsoft June 2025

Thomas Edison State University – BA in Computer Science February 2025 - (ongoing)

HarvardX – CS50x: CS50's Introduction to Computer Science December 2024

DePaul University, IL, USA – MS in Computer Science(incomplete) 2014-2015

St.John's College, MD, USA – BA in Philosophy and History of Mathematics & Science May 2013