



Charles McDougal

[Online Portfolio](#) | [GitHub](#) | [LinkedIn](#)

I'm a front end developer specializing in clean, scalable designs for desktop and mobile coded by hand or built using tools like React. I can take the vision of the UX/UI team and make it a reality or work hand in hand with them. I can also develop RESTful APIs using Node.js with Express, MongoDB and Jest.

email

charlesmcdougal@gmail.com

phone/WhatsApp

(available on request)

current address

Bursa, Türkiye

US address

South Yarmouth, MA 02664

hobbies and interests

typography and design,
computer games, origami,
squash, fitness, cooking,
mountain biking, photography,
making music

technical skills

React – Learned Redux, Router v6, Next.js, custom hooks, deployment, API interaction through Udemy course, personal projects

Node.js – Learned Express server, MongoDB, Mongoose, Postman and Jest (for testing), socket.io through Udemy course

JavaScript – Learned through university courses, Udemy courses, personal projects; proficient with DOM manipulation, API interaction, JSON, concepts like async/await, destructuring, closures, hoisting

HTML 5 / CSS 3 – Clear understanding of the DOM, developer tools in Firefox/Chrome, modern CSS practices: variables, media queries, flexbox, grid, animation, accessibility

Digital Art – Proficient with Photoshop and Illustrator, open-source tools including InkScape and GIMP, mock-ups with Figma

projects

Taskmanager API: [GitHub](#) – Written in Node.js and Express with MongoDB. Supports user account creation and authentication with tokens, email notifications using SendGrid, and a task/note management system.

ChatApp: [link](#) | [GitHub](#) – Written in Node.js and Express. Uses socket.io to listen for changes passed by the server and update the feed.

WeatherApp: [link](#) | [GitHub](#) – Written in Node.js and Express. Accesses two different APIs – mapbox.com and weatherstack.com to output weather for a given place name.

Quote App: [link](#) | [GitHub](#) – Written in React using React Router with a firebase backend.

education

University of Maine, Orono, Maine 2008
Graduated with Bachelor of Arts in New Media

Udemy: The Complete Node.js Developer Course (3rd Edition) Jan 2022

Udemy: React - The Complete Guide Jun 2022

work history

Çakır Schools, Bursa, Turkey February 2015—Current
English Teacher, Head of Department

- Teach English as a second language to high school students from prep to grade 12; taught grades 4 and 6 in primary and middle schools
- Developed guidelines for head of department role, curriculum
- Responsible for proofreading exams and worksheets for the department
- Train teachers on classroom teaching technologies

Wall Street English, Bursa, Turkey

December 2011—January 2015

English Teacher, Service Manager from March 2013

- Managed, supervised, interviewed, and hired a team of six teachers and two receptionists during a staff transition period for the school
- Increased active student enrollment from a low of 170 to over 300
- Tracked education of all 400+ students using software management tools
- Redesigned old posters and schedules, implementing updated corporate style guidelines, logos and typefaces

Colby College, Waterville, Maine

Summers of 2001—2004

Web developer, Communications

- Updated and maintained dozens of pages for Colby's online presence including the Colby magazine and its associated CMS
- Worked directly with magazine print editors to ensure all web-based publications adhered to strict quality guidelines and matched the college's print materials; assisted with editing and review of language
- Used web technology including PHP 4, PostgreSQL, HTML, and JavaScript to develop a management tool for quarterly publications and archival issues
- Assisted with implementation of an updated college identity, including deploying a package of fonts, logos, letterheads, and other templates