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.

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Ertuğrul/Bursa, Türkiye

US address
24 Highbank Rd.
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