

Fatemeh Fouladi Mahani

📍 **Montreal**, QC, Canada (Open to Relocation)
🇨🇦 **Status: Open Work Permit** (until Aug. 2026 and extendable)

★ Contact

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📄 <https://github.com/FFMahani>

📄 [Google Scholar](#)

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🎯 Professional Summary

Detail-oriented and passionate **Front-End Developer** with a **Ph.D. in Electrical Engineering** and **8+ years of experience** in research, programming, simulation, and design. Proficient in **React** (Router, Hooks, JSX), **Vite**, **Tailwind CSS**, and **Bootstrap 5**, as well as core technologies like **HTML5**, **CSS3**, and **JavaScript (ES6+)**, I specialize in building fully **responsive**, **accessible**, and **visually polished** web interfaces.

I follow clean code practices, design reusable components, and deploy confidently using **Git**, **GitHub**, and **GitHub Pages**. With a strong background in **scientific problem-solving** and **AI/ML-driven systems**, I bring an engineering mindset to frontend development—balancing structure and logic with an evolving eye for **UI/UX** and familiarity with tools like **Figma**. I strive to create **elegant**, **maintainable**, and **user-centered** web applications that are both functional and delightful to use.

📦 Technical Skills

💻 Front-End Development

- **Languages & Technologies:** HTML5, CSS3, JavaScript (ES6+)
- **Frameworks & Tools:** React (Hooks, Router, JSX), Vite
- **Styling & Layout:** Tailwind CSS, Bootstrap 5, Responsive Design
- **Version Control & Deployment:** Git, GitHub, GitHub Pages

🎨 UI/UX & Design Principles

- **Familiarity with UX Fundamentals:** Visual hierarchy, spacing, alignment, and user-centric layout design
- **Tools:** Figma (for layout design and basic prototyping)
- **Aesthetic Sensibility:** Creative background in painting with oil and soft pastels contributing to strong color theory awareness and intuitive design sense

★ Additional Technical Skills

- **Programming & Analysis:** Python (NumPy, Pandas, scikit-learn), MATLAB (Data Visualization, Signal Processing)

- **Professional Attributes:** Structured problem-solving, scientific mindset, interdisciplinary collaboration, strong communication
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📁 Sample Projects

🚀 Mahsham TechStore — React E-Commerce Frontend

[GitHub](#) | [Live Preview](#)

A fully responsive e-commerce frontend designed from scratch to showcase smart gadgets and tech accessories for a fictional store. Built using **React**, **React Router v6**, **Bootstrap 5**, and **custom CSS**, it delivers a smooth, modern user experience with:

- Elegant UI with smooth transitions
- Seamless navigation through nested routes
- Horizontally scrollable product carousel with pricing, ratings, and CTAs
- Client-side validated login/signup forms via react-hook-form
- Simulated authentication flow and clear feedback messages
- Fully responsive, modular layout with enhanced styling (ribbon tags, transitions, gradients)

Tools: React, React Router DOM, React Hook Form, Bootstrap, Custom CSS with flexbox, media queries, and transitions

🚀 Sleek Todo List App — React + Tailwind CSS

[GitHub](#) | [Live Preview](#)

Modern task manager built with **React + Vite** and styled using **Tailwind CSS**. Designed for both desktop and mobile with clean UX. Key features include:

- Adding, deleting, and editing tasks
- Marking tasks as complete/incomplete
- Responsive layout for mobile and desktop
- Local storage persistence
- Keyboard interaction (e.g., Enter to add)
- Clean and elegant user interface

Tools: React, Vite, Tailwind CSS

🚀 Agency Landing Page

[GitHub](#) | [Live Preview](#)

A fully responsive landing page built using HTML, CSS, and JavaScript, developed as part of a frontend implementation exercise. **The goal was to recreate a given static layout image** from scratch, implementing modern best practices in responsive design and UI/UX development, including:

- Responsive layout across mobile, tablet, and desktop screens
- Interactive burger menu with smooth open/close transitions
- Auto-sliding testimonial carousel with manual controls and pause-on-hover
- Smooth scrolling for internal anchor links
- Clean modular file structure with clear separation of concerns

Tools: HTML5, CSS3, Vanilla JavaScript

Selected Honors & Awards

- **Scholarship Award for Talented Students** – Iran’s National Elites Foundation (Dec. 2018 – Feb. 2022)
 - **Excellence in Research Award** – Kerman Province (Dec. 2018)
 - **Foreign Research Opportunity Scholarship Award** – Iran’s National Elites Foundation (Feb. 2023 – Aug. 2023)
 - **Visiting Research Scholarship Award** – Ministry of Science, Research and Technology of Iran (Feb. 2023 – Aug. 2023)
 - **Outstanding Researcher Award** – Shahid Bahonar University of Kerman (Dec. 2018)
 - **Direct Ph.D. and M.Sc. Admission without Examination** – Exceptional Talents Foundation, Shahid Bahonar University of Kerman
 - **First-Ranked Ph.D. and M.Sc. Student** – Shahid Bahonar University of Kerman
 - **Visiting Student Support Scholarship** – Federation of Academic Pioneers in Iran (Feb. 2023 – Oct. 2023)
 - **Research Scholarship Offer** – from the University of Ottawa (Jun. 2023 – Jan. 2024)
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Education

- **Ph.D. in Electrical Engineering** – Shahid Bahonar University of Kerman | Sep 2018 – Nov 2023, GPA: 19.50/20.00
 - **M.Sc. in Electrical Engineering** – Shahid Bahonar University of Kerman | Sep. 2015 – Sep. 2017, GPA: 19.43/20.00
 - **B.Sc. in Electrical Engineering** – Shahid Bahonar University of Kerman | Sep. 2011 – Sep. 2015, GPA: 16.16/20.00
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Languages

- English (Fluent)
- Persian (Native)
- French (Elementary)