Sukhbir Kaur Chung, B.Eng., M.Eng.

Frontend Web Developer

(905) 519-3647 | sukhbirchung@gmail.com | LinkedIn | Portfolio | GitHub

SKILLS

HTML, CSS, SCSS, Bootstrap, JavaScript, React, Node.js, API, MongoDB, WordPress, SEO, Accessibility

WORK EXPERIENCE

Frontend Web Developer (MERN Stack) | Paptido Inc., Hamilton, ON   May 2024 - Present

- ➢ Developed a register/login landing page using semantic HTML, CSS, and JavaScript, and designed a subscription landing page using WordPress, optimizing user engagement and conversion rates
- ➢ Developed static websites to effectively promote business services, following best practices for accessibility and SEO. Utilized CSS Flexbox and Grid for responsive design, ensuring optimal display across devices, and used Chrome Lighthouse to enhance website performance`
- ➢ Developed Node.js apps for handling contact form data with Nodemailer, performed CRUD operations with Fetch/Axios/Promises, and managed single-factor authentication/authorization with Passport npm package
- ➢ Incorporated advanced features such as session management with express-session and cookie-based authentication for seamless browsing experiences
- ➢ Executed error handling mechanisms to gracefully manage exceptions and ensure smooth operation under varying conditions, enhancing system reliability and user satisfaction
- ➢ Utilized MongoDB as a database solution for seamless data management, demonstrating familiarity with database technologies
- ➢ Employed secure environment variables during online deployment to fortify the software applications against potential vulnerabilities and ensure robust protection of sensitive information
- ➢ Deployed websites using hosting providers such as Namecheap, with expertise in making websites go live and managing domain and server settings
- ➢ Designed responsive email templates compatible with multiple email clients, including Apple Mail, Gmail, and Outlook utilizing HTML tables and inline CSS
- ➢ Tested email template designs using online tools such as Testi@ to ensure cross-platform functionality

EDUCATION

Computer Engineering (M.Eng.) | 3.30/4.00 GPA   May 2018 - Aug 2019
University of Waterloo, Waterloo, ON

Network Systems Administration (Networking Diploma)   Jan 2014 - Oct 2014
Manitoba Institute of Trades and Technology, Winnipeg, MB

Computer Science (B.Eng.)   Aug 2009 - May 2013
Guru Nanak Dev University, Amritsar, PB

PROJECTS

- ➢ Register Login Landing Page | **Developed using HTML, CSS, JavaScript, Axios Library** | GitHub Code
  - o Crafted a user-friendly and responsive register-login page that facilitates user authentication and authorization by sending their information to a backend Node.js/Express application (GitHub Code)
  - o Ensured smooth user journeys through streamlined logins, personalized homepage redirects post-authentication, and effective error management for login/signup issues
  - o Implemented custom validation for email format, enforced no spaces in usernames and passwords, and ensured passwords met specific criteria, including length, uppercase, lowercase, and special characters
  - o Performed CRUD operations, allowing users to register, log in, update passwords, and delete accounts, with a 6-digit confirmation code sent to the user's email to verify validity and prevent fake entries
  - o Passwords are hashed using the Passport and crypto npm packages before being stored in the MongoDB database
- ➢ Paptido Inc. | **Developed using HTML, SASS/SCSS, JavaScript, and Axios Library**
  - o Developed a static website, effectively promoting business with key information and services
  - o Implemented responsive web design techniques using CSS Flexbox and grid to ensure optimal display and functionality across various devices, contributing to an enhanced user experience
  - o Managed inquiries from the contact form through a backend application, Nodemailer, to receive user queries and efficiently forward them to their respective destination email addresses
- ➢ Subscription Landing Page | **Developed using WordPress, SeedProd, Elementor, and JavaScript**
  - o Developed a dynamic WordPress subscription page with Elementor and SeedProd, using custom JavaScript to toggle between monthly and yearly options