JAYA SAYAL

Fort Collins, CO 80521

+1- (605)-736-0380

jaya.sayal@gmail.com

Click here, and let's connect on LinkedIn

PROFILE

- My Motivation: Technology is everywhere and has revolutionized everything we do.
- My Professional Mantra: Providing optimized and creative web designs timely to clients.
- Strengths: Continuous Learner | Embrace new technologies and frameworks | Communication professional and strategist | Patience | Perfectionism | Leadership | Self-motivated
- What I bring to your organization: A suite of tools with a healthy attitude that learning never stops.

TECHNICAL SKILLS

- **Programming Languages:** HTML, CSS, JavaScript, Python, C++
- **Databases:** MS-ACCESS, SQL, MySQL
- **Project Management Tools:** Jira
- **Communication Suite:** Slack, MS-Teams, Zoom, G Suite
- **Writing Accessories:** LaTeX, Word
- **Repos and IDEs:** Git, VS Code, Jupyter, CMD

PROJECTS, PRODUCTS, and VALUES

- **Personal Portfolios**, e.g., (Water Resources Engineer)
  Customized, dynamic-motion features, interactive, with the scope of continuous improvement.

- **Customized/Theme-Based Projects**, e.g., **Forest Fire Web Tool** (FOREST_FIRE_WEB_TOOL(BETA VERSION)) This tool gives an output in terms of the Probability of occurrence of fire using Logistic Regression when the user inputs daily data manually or by uploading a CSV file of either two of the three or all the three weather variables (Air Temperature in deg C, Relative Humidity in percent, and Wind Speed in m/s).

- **Revamping Digital Presence,** e.g., (GitHub Landing Page Renovated : It was a group project)
  Facilitate up-to-date creative, more user-friendly designs of the existing digital pages upon customer request and expand business development opportunities.

EDUCATION

Bootcamp:

- **Front End Web Developer (Tech-Bootcamp)** Sep 22 - Dec 22
  YWCA Madison, WI

Certifications:

- JavaScript Algorithms and Data Structures — 2023
- Responsive Web Design Developer — 2022
- 80-hour TEFL/TESOL — 2021

Diplomas/Degrees:

- **Post Graduate Diploma in Computer Application** Aug 12 - Aug 13
  Indira Gandhi National Open University, India
- **Bachelors in Computer Application** Aug 05 - June 08
  Guru Gobind Singh Indraprastha University, India

EMPLOYMENT

Computer Science Educator
Ryan International School, New Delhi, India
- Developed, taught, evaluated, and continuously improved the modules for K-12 students from diverse background for different programming languages and database management software.

 -Led and supervised knowledge transformation initiatives from classrooms to digital platforms to the team of educators: Zoom meeting, G Suite: - Drive, Meet, Docs, PowerPoint, and Sheets.

VOLUNTEER WORK

IT Help Desk
Madison Public Library Foundation – Madison, WI
  - Receive and address different requests from clients. Requests include but are not limited to:
- Microsoft Suite
- Internet Browsing and Search Engine
- Digital Communication and Engagement via Email, Digital app recommendations

Visit my GitHub Profile