# TANYA ARORA

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## SUMMARY

### Responsive Websites | Front End | UX/UI design

- Dedicated and self-taught **Front-End web developer** with a passion for delivering exceptional user experiences.
- Working with web technologies like HTML5, CSS3, Bootstrap, and JavaScript, I excel in developing **responsive** web pages with **interactive** enhancements.
- Design, develop, and test web applications and work through challenges to find successful outcomes.
- Adept at crafting **pixel-perfect designs** as well as meeting tight deadlines.
- I'm passionate about creativity and I genuinely love to learn.

## TECHNICAL SKILLS

- **Web Technologies**: HTML5, CSS3, Bootstrap, JavaScript, JQuery, Responsive design
- **Programming Languages**: R, JSON, C++
- **Design**: Figma, UI/UX principles
- **Microsoft Suite**: MS Excel, MS Word, MS PowerPoint
- **Relational Databases**: MySQL

## WORK EXPERIENCE

**Web Development Intern** | Business Web Solutions, India (Remote)        November 2022 – January 2023

Executed multiple web projects using cutting-edge technologies, such as **HTML, CSS, JavaScript, jQuery and Bootstrap.**

- Identidied project objectives to create engaging landing pages and innovative website layouts, leading to a 20% increase in user engagement.
- Implemented Onpage **Search Engine Optimization (SEO)** strategies within the projects, contributing to a substantial 23% increase in **content accuracy.**
- Redesigned and rebuilt responsive webpages which included **coding, testing** and **debugging**.
- Worked on creating a random Star Wars character generator application using key technologies like jQuery, **JSON**, JavaScript, REST API, html and css.

**Tutor** | Self-employed, India                August 2020 - September 2022

Mentored students individually and in group settings.

- Guided students through project-based assignments, resulting in a 30% improvement in average project scores.
- Delivered personalised feedback to empower students in honing their **problem-solving abilities.**

**Programming Intern** | IIT, Roorkee, India                January 2020 - May 2020

Development of graphical user interface for **optimal solution of fusion algorithm**.

- Comparison and analysis of data by developing an Image Fusion **graphical user interface**, reducing the ambiguity and enhanced the reliability of defect detection.
- Study and implementation of fusion algorithms like Principal Component Analysis(PCA) Algorithm, Genetic Algorithm(GA) and Independent Component Analysis(ICA) Algorithm.
- Responsible for converting the algorithms from matlab to c++ using the Matlab coder app.

## EDUCATION

**Master of Computer Applications: CGPA-8.50** | Thapar Institute Of Engineering And Technology, India                                                                                           July 2018 - June 2020
MAIN COURSE:

- Computer Organization
- Computer Networks
- Database and Operating systems
- Cyber Security
- Project Management

**Bachelor of Science (Computer Applications)** | MCM College for women, India     July 2015 - May 2018

## PROJECT EXPERIENCE

- **My Portfolio Website:** https://arora-tanya.github.io/Tanya-portfolio/

**Omnifood Website:**

- Built a responsive application with the help of web technologies to sell monthly food subscriptions.
- Tools like Tiny PNG and pagespeed chrome extension helped with the **image optimization** and writing of the clean code, resulting in 24% faster loading time.
- To increase the sale of food subscriptions, focus was based on **user-centered design**, providing clear and **compelling CTA's**, optimizing for mobile, using social proof and use of analytics to measure success, resulting in an average 25% increase in user engagement.

**Task Modal:**

- Developed a modal with the **interactive elements** such as dropdown menus, pop-ups, tooltip etc using html, css, bootstrap, JavaScript and jQuery.

**Shoe Website:**

- Built webpages for E-Commerce website using bootstrap5.
- Performed code-related bug fixes by **automated testing**, code reviews and refactoring, effectively decreasing the post-launch maintenance efforts by 10%.

**Weather App:**

- Built a responsive **weather app** that **fetches data** from OpenWeather **API** and dynamically changes the user interface based on user's location.

**Lagom Website:**

- Designed **user-friendly site layouts** to showcase new clothing items.

**Tiles Website:**

- Designed the webpages, built **wireframes**, **mock-ups** and developed **prototypes** to show all the products and services using Figma, emphasizing Responsive design principles to provide best user experience.

## ACTIVITIES AND CERTIFICATIONS

- Volunteered at the Coonara Community House Training Organisation, **Melbourne**, VIC (September 2022-November 2022)
  - As a front desk receptionist, assisted in the day-to-day duties such as answering phone calls, checking emails, making invoices, passing on messages as appropriate.
- Volunteerd at the Madhav Sewa Society, Jalandhar (May 2023-July 2023)
  - **Collaberated** with the team to plan and execute a charity event and helped in serving food to the local unhoused population.
- Certificate 1: Build eCommerce websites with **Wordpress** and **WooCommerce**. (Udemy) (2023)
- Certificate 2: Build Responsive Real-World Websites with HTML and CSS. (Udemy) (2022)
- Certificate 3: Front end web development: Complete guide (step by step). Udemy (2021)