# Wajeeha Ansari

*COMPUTER SCIENTIST*

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## SUMMARY

Full Stack Developer with over two years of hands-on experience in building dynamic and scalable web applications using JavaScript, HTML, CSS, and PHP. Proficient in both front-end and back-end development, I specialize in creating responsive, user-centric designs while optimizing website performance and security. Adept at developing custom themes in WordPress and integrating third-party tools like Elementor Pro and WooCommerce, I ensure high-quality, efficient results. Experienced in working within agile environments, I bring a strong problem-solving mindset, and I am passionate about continuous learning, mentoring, and contributing to impactful, growth-oriented projects. Ready to take on new challenges and lead development initiatives that align with business goals.

## EDUCATION

- **Govt girls degree college Jinnah town campus** — Quetta
  *Intermediate* — *2019*

- **National University of Science and Technology (NUST)** — Pakistan
  *Bachelor of Science in Computer Science* — *Oct, 2020 – June, 2024*
  - **Courses**: Software Engineering, Data Structures & Algorithm, Web Engineering, Database Systems.

## PERSONAL PROJECTS

- **Implementing Non-invasive Human Activity Recognition system With PIR Sensors Using LSTM-RNN (FYDP)**: Orchestrated Directed a Final Year Design project utilizing PIR sensors and LSTM-RNN for deep learning-based detection and classification of human activities, emphasizing privacy and convenience.)

- **Simon Game**: Crafted an engaging Simon game, showcasing mastery in web development and interactive design. **GitHub link: Click**
  **Tools Used:** HTML, CSS, JavaScript, GitHub, VS code

- **Drum-Kit**: Orchestrated a dynamic drum kit project, harmonizing sounds, images, and layout elements to create an immersive and interactive musical experience. **GitHub link: Click**
  **Tools Used:** HTML, CSS, JavaScript, GitHub, VS code

- **Library Management System**: Orchestrated Developed a comprehensive library management system using HTML, CSS, and a complete backend framework. **GitHub link: Click**
  **Tools Used:** HTML, CSS, JavaScript, GitHub, VS code

- **Automated Traffic light control system**: Orchestrated Automated Traffic light control system using MATLAB digital image processing (hardware representation using Arduino UNO.) **Tools Used:** Sensors, Servo motor, Arduino UNO, MATLAB, proteus, VS code

- **Criminal Record Database Management System**: Orchestrated Developed a secure and efficient criminal record database system using MySQL, ensuring data integrity and quick access for authorized personnel.)
  **Tools Used:** MySQL, VS code

## WORK EXPERIENCE

- one-month internship at Metallurgical Construction Corporation (MCC) Resources Development (Pvt) Limited (MRDL)

  *from 6th July to 6th August,2022*
  *I assisted in creating comprehensive project documentation and technical reports, conducted research and data analysis for ongoing projects, and participated in team meetings, contributing to project planning and collaborative problem-solving efforts.*

- one-month internship at NaqCode Technologies as web developer **Click to Visit**

  *from 18th August'2023 to 8th September ,2023*
  *During my internship at NaqCode Technologies, I developed and maintained dynamic websites using HTML, CSS, and JavaScript.I collaborated with the design team to enhance user experience, optimized site loading times by 39% through refined coding practices, and managed social media content updates and website analytics, contributing to increased user engagement.*

## SKILLS

- **Languages**: HTML/CSS/, JavaScript, PHP, Object-Oriented Programming, Structured Query Language
- **Tools**: Canva, Wordpress, Square space, Wix, GitHub, VS Code, Jupyter Notebook, Eclipse, Shopify
- **Web Development**: WordPress, HTML5, CSS3, JavaScript, Shopify
- **Research skills**: Literature review, Project Documentation including SRS Report, Technical writing
- **Soft-Skills**: Problem-solving, Leadership, Teamwork, Time management, Effective communication skills, Empathy, Agile software development

## CERTIFICATIONS

- **HTML, CSS, and JavaScript for Web Developers**: Complete front end development course from Coursera   **Certification link**
- **The complete 2023 web development Boot camp** : Web Development Course from Udemy
- **Shader Graphics with OpenGL**: Course on OpenGL from Coursera   **Certification link**
- **Develop a website with WordPress**: Development of a WordPress Website   **Certifcation link**
- **Web development workshop at NUST**: Basics of HTML/CSS/JavaScript
- **Arduino UNO and IOT Workshop at NUST**: Understanding to hardware development
- **Mobile Application Workshop at NUST**: Application development with Flutter

## LANGUAGES

- **English**: Fluent
- **Urdu**: Native

## INTERESTS

- Video making and Editing, Content Creation
- Socialising
- Sports
- Gardening

## Extra Curricular Activities

○ President - Robotics and Artificial Intelligence Club 2023-2024

○ **Philanthropic** Kaar-e-kamal **NPO**