

# AYESHA BATOOL

## ASSOCIATE SOFTWARE ENGINEER

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I am Ayesha Batool, a Computer Science graduate with 1 year of industry experience as an Associate Software Engineer, along with additional freelancing experience. I specialize in full-stack development with practical expertise in the MERN stack (MongoDB, Express.js, React.js, Node.js). I have a strong foundation in software engineering, problem-solving, and building efficient, user-focused applications. Dedicated to delivering high-quality work, I actively seek opportunities to learn new technologies and improve my skills to stay aligned with the evolving tech landscape.

### TECHNICAL SKILLS

- HTML & CSS
- Tailwind CSS
- JavaScript
- Git & Github
- Vue JS
- React JS
- Vuetify
- Vuex
- Node JS
- Express JS
- MongoDB
- Problem solving skills

### PROFESSIONAL EXPERIENCE

#### FIVERR

Jan 2025 - Present

Web developer

- Developed web applications using MongoDB, Express.js, React, and Node.js
- Tailored solutions to meet client requirements and ensure satisfaction
- Ensured mobile responsiveness and cross-browser compatibility
- Used Git and GitHub for version control and project management

#### PROGRAMMERS FORCE

July 2024 - Feb 2025

Associate software engineer

- I worked on a group product that involved developing both a screen recording extension and a website using Vue.js, Vuetify, and Vuex. My role in the extension included building its core functionality, which allowed users to record their screens from the browser. We used Vuex for efficient state management and Vuetify to create a responsive, clean design.
- I also worked on the product's website, focusing on front-end development and ensuring a smooth, intuitive user experience.
- I helped design and implement features that made the site responsive and user-friendly across different devices

#### GHANI SOFT

Oct 2023 - Feb 2024

Frontend developer intern

- Developed responsive user interfaces using HTML, CSS, tailwind CSS, and JavaScript, ensuring cross browser compatibility

### EDUCATION

BS Computer Science

2019 - 2023

University of Mianwali

## PROJECTS

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- **Screen recording website and extension**

Developed a screen recording website and extension that helps to record the screen and voice like loom video.

**Technologies:** Vue JS, Vuetify, and Vuex

- **Bloom cart website**

We designed and developed an online plant sales website for our semester project. Our platform allows users to explore, select, and buy plants, accompanied by valuable supplementary services. This project showcased our expertise in web development, e-commerce, and user-centric service integration.

**Technologies:** React js, Express Js, Node js and tailwind CSS

- **Real time car detection and tracking through video stream (2023)**

For my final year project, I created a Java-based mobile app for real-time car tracking using GPS technology. The app featured advanced capabilities like Automatic Number Plate Recognition (ANPR) and speed detection, enhancing security measures alongside real-time location tracking.

**Technologies:** Android, Machine learning

- **Ecommerce website (clothing store)**

Developed an online store for clothing with a responsive and user-friendly interface. Integrated product catalogs, shopping carts, and secure checkout functionality. Implemented search and filtering features to enhance product discovery. Ensured smooth user experience with optimized performance and cross-browser compatibility.

**Technologies:** React JS, Node JS, Express JS, Tailwind CSS, and MySQL

- **Recipe Generator**

Built an AI-powered recipe generator to create automatic, personalized recipes. Integrated an AI model to generate recipes based on user-input ingredients and preferences. Designed an intuitive UI to display step-by-step cooking instructions and nutritional information. Focused on user experience and performance to ensure seamless functionality.

**Technologies:** React JS, Node JS, Express JS, Tailwind CSS, AI Model

- **WedBricks (MERN Stack Web Application)**

Developed a full-stack wedding planning platform using the MERN stack (MongoDB, Express.js, React.js, Node.js).

The app allows users to explore wedding vendors, book services, and manage event schedules. Implemented user authentication, dynamic routing, and RESTful APIs for smooth user experience. Focused on clean UI/UX and optimized performance across devices.

- **NextGen Campus Security System**

Designed a modern, responsive frontend for a campus security system using React and Tailwind CSS. Integrated camera functionality to simulate real-time surveillance features. UI components include student ID recognition, facial detection interface, and access panels. Focused on visual clarity, security-centric design, and smooth interactive experience.

## COURSES AND ACHIEVEMENTS

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- Certificate of introduction to Front End Development by Meta
- Certificate of Front-end Developer Capstone by Meta
- Certificate of version control by Meta
- Certificate of User Designing and Experiences by IBM
- Got merit scholarship from PEEF for BSCS
- Received Ignite funding for our Final year project
- Received Laptop from Prime Minister's youth laptop scheme 2023