# Fatima Butt

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Lahore, Pakistan

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## ASPIRING SOFTWARE ENGINEER | OOP, DSA, C++, WEB DEVELOPMENT

Aspiring Web Developer with experience in HTML, CSS, JavaScript, and Wix. Passionate about creating responsive websites and **currently learning MERN** to build modern applications.

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## KEY COMPETENCIES

- Proficient in HTML, CSS, JavaScript for building responsive and interactive websites. Currently working on MERN Stack.
- Experienced in creating professional websites using Wix, with a focus on user experience and SEO.
- Strong understanding of C, C++(OOP and DSA), and java for problem-solving and software development.

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## INDEPENDENT LEARNING

- Web Development
- Focused on HTML, CSS, JavaScript, and building responsive websites .
- C++ Programming
- Learned the basics of OOP and DSA through various resources.
- Python for Beginners.
- Explored Python programming for problem-solving and automation.
- Maths (Khan Academy)
- Completed Grade 10 math topics, including algebra, geometry, and probability.
- Advanced Calculus
- Currently studying advanced calculus to deepen my understanding of mathematical concepts relevant to computer science.

## PROBLEM-SOLVING & COMPETITIVE PROGRAMMING

- LeetCode: Solved 200+ Data Structures and Algorithms (DSA) problems, focusing on topics like arrays, strings, linked lists, and dynamic programming.
- C++: Applied C++ concepts such as OOP and DSA to solve real-world problems efficiently.
- Python: Implemented algorithms and problem-solving techniques using Python.

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## EDUCATION & CERTIFICATIONS

**Bachelor of Science**
Major: Computer science (2023-2027)
Government University, Lahore
Current CGPA :3.1

**Inter in Computer science**
Intermediate in Computer Science
Percentage:84.5

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## TECHNICAL SKILLS

- **Web Development:** Wix, HTML, CSS, JavaScript
- **Programming Languages:** C, C++, Python, Java
- **Tools & Frameworks:** Bootstrap, Git, Tailwind

## PROJECTS

**1.Portfolio using Bootstrap**
- Description: Responsive portfolio website.
- Skills: Bootstrap, front-end development.

**2. Rock-Paper-Scissors Game (C++)**
- Description: Game with C++ logic.
- Skills: C++, game development.

**3. Random Joke Generator**
- Description: Web-based joke generator.
- Skills: JavaScript.

**4. Library System (C++)**
- Description: Library management with OOP.
- Skills: C++, OOP.

**5.Mern-Real-Estate**
- Description: A full-stack real estate listing platform where users can register, log in, and post or explore property listings. Uses Firebase for authentication and hosting.
- Skills: MongoDB, Express.js, React.js, Node.js, Firebase Authentication, Firebase Hosting, JWT, REST API