

## Shamir Ali

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## Professional Summary

Detail-oriented and self-motivated Frontend Developer with proven experience in building responsive, interactive, and user-centric web applications using modern technologies including HTML5, CSS3, JavaScript, and React.js. Skilled in integrating backend services using PHP and MySQL. Passionate about solving real-world problems through full-stack solutions and applying computer science fundamentals such as data structures and algorithms. Strong team player with excellent problem-solving and communication skills.

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## Technical Skills

**Frontend:** HTML5, CSS3, JavaScript (ES6+), Bootstrap, React.js, GSAP, Vue.js

**Backend:** PHP (Basic), MySQL

**CS Concepts:** Data Structures (AVL Trees, Linked Lists), Algorithms

**Tools & Platforms:** Git, GitHub, VS Code, Chrome DevTools

**Soft Skills:** Communication, Collaboration, Time Management, Adaptability

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## Projects

### Pet Management System

Technologies: HTML, CSS, PHP, MySQL

- Developed a web-based application for managing pet records, treatment history, and product inventory.
- Designed a responsive and intuitive user interface with dynamic data rendering from MySQL.

### Bank Management System (Data Structures Project)

Technologies: C++ (AVL Trees)

- Engineered a client record management system using AVL trees to ensure  $O(\log n)$  performance for insertion, deletion, and search operations.
- Emphasized real-world application of data structures for efficient data handling.

## **Online Bookstore Website**

Technologies: HTML, CSS, PHP, MySQL

- Built an e-commerce-style bookstore with features such as cart management, product filtering, and secure user authentication.
  - Employed clean UI design and integrated backend functionality for real-time content updates.
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## **Education**

### **Bachelor of Science in Software Engineering (In Progress)**

Capital University of Science & Technology (CUST), Islamabad

Expected Graduation: 2027

### **Intermediate (FSc Pre-Engineering)**

Mehran Degree College, Islamabad

### **Matriculation (Science)**

Sir Syed Model Secondary School, Islamabad

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## **Languages**

- English: Fluent
  - Urdu: Native
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## **Additional Information**

- Active contributor to open-source projects
- Exploring deployment tools like Netlify and GitHub Pages
- Passionate about UI animations, accessibility, and micro-interactions in modern web applications