

Shahzad Hussain

SOFTWARE ENGINEER

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ACHIEVEMENTS

- [@leetcode](#): Solved 200+ Data Structures and Algorithms problems. [[Leetcode Profile](#)]
- [@Harvard](#): Won Harvard's CS50x puzzle day 2025. [[Certificate](#)]

TECHNICAL SKILLS

- **Programming Languages:** C++, Java, Python, JavaScript (ES6+)
- **Web Dev:** HTML5, CSS3, Bootstrap 5, JavaScript, React JS
- **Backend:** NodeJs
- **AI:** Agentic AI, GEN AI
- **Automation:** n8n
- **AI Frameworks:** OpenAI SDK, Langchain
- **Version Control:** Git, Github
- **IDEs:** VS Code, Dev C++
- **Databases:** MySQL, Mongo DB, ChromaDB

EDUCATION

Government College University, Faisalabad

Dec 2022 - Dec 2026

CGPA: 3.39 / 4.00 (7th Semester)

- Bachelor of Science in Computer Science

VOLUNTEER EXPERIENCE

Trainer

May 2024 - July 2024

[iCodeGuru](#)

- Offered volunteer teaching in Java and DSA at iCodeGuru, emphasizing LeetCode.

[CodeRiser](#)

- Teaching DSA to students as a part of a team. [[Video Lecs](#)]

COMPETITIONS

- Consistent participati~~or~~ in Leetcode contests(weekly and bi-weekly) [LeetCode](#)
- Participated in UC Barkley CALICO coding contest
- Participated in Advent of code and solved some problems [[link](#)]
- Participated in Pakistan Ignite speed programming competition 2025

PERSONAL PROJECTS

Web Development

Airbnb-like Hotel Booking Web App [[Github link](#)] [[Deployed Link](#)]

Tech Stack: HTML5, CSS, Bootstrap5, Javascript, NodeJs, ExpressJs, MongoDB |

- Developed a full-stack hotel booking platform inspired by Airbnb.
- Built a scalable backend with Node.js, Express.js, and MongoDB.
- Created secure, RESTful APIs for user authentication, booking management, and CRUD operations.
- Implemented JWT-based authentication, input validation, and other security best practices.

Weather App

Tech Stack: HTML5, CSS3, Bootstrap 5, JavaScript, React.js | [\[Github\]](#)

- Built a responsive weather forecasting application using React.js.
- Integrated a weather API to fetch and display live weather data based on user input (city name).
- Applied component-based architecture for reusability and maintainability.

References

Dr. Rizwan Ghaffar | *Principal Engineer @Broadcom Inc.* | [LinkedIn](#)

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- **Location:** San Jose, California, United States

Ahmad Jajja | *PhD candidate(Montana State University , Bozeman(USA))* | **Software Engineer, GenAI & MERN STACK DEVELOPER** | [LinkedIn](#)

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