


SHAHZEB HUSSAIN

 [Shahzeb Hussain](#) | shazebhussain38@gmail.com | [+91-7417018678](tel:+91-7417018678)

EDUCATION

ALIGARH MUSLIM UNIVERSITY

Bachelor of Technology (Major in Electrical Engineering)

ALIGARH, INDIA

Graduated May 2025

WORK EXPERIENCE

INFOSYS

Software Engineer Intern

(REMOTE) INDIA

Feb 2025 – April 2025

- Engineered RESTful APIs (Python / Flask) that handled 1,000+ concurrent simulated requests per day for the Unified Family Finance Tracker, reducing data-retrieval latency by 25%.
- Developed a responsive UI (HTML5, CSS3, JavaScript) that improved page-load times by 40% across Chrome, Firefox, and Safari—boosting average session duration by 15%.
- Integrated SQLite with optimized indexing to cut database query time by 50%, supporting 10,000+ finance records while maintaining 99.9% data integrity.
- Collaborated in six two-week Agile sprints, contributing to planning and retrospectives that improved on-time deliverables by 20%.
- Maintained project dashboards via advanced Excel (Pivot Tables, Macros) to track 100% of feature-delivery metrics—enabling a 15% improvement in team visibility.

ECE ELAVATORS-BIRLA GROUP

Software Engineer Intern

GHAZIABAD, INDIA

Jan 2025 – Feb 2025

- Designed and launched a MERN-stack bidding platform that processed 200+ simulated bids per day—automating cost estimates and cutting manual pricing errors by 80%.
- Integrated dynamic cost-calculation algorithms, improving pricing accuracy by 30% and reducing quote-generation time from 2 hours to <5 minutes.
- Built a Node.js / Express.js backend that managed 500+ simulated requests per minute with 99.5% uptime in load-testing.
- Utilized MongoDB for storing 10,000+ bid records, ensuring sub-second retrieval times and 99.9% data consistency.

PROJECTS

Real-Time Chat Application

August-2024

[GitHub Repository](#)

- Built a MERN-stack chat application that sustained 200 concurrent WebSocket connections in Docker-based load tests, with <200ms average latency.
- Integrated WebSockets to broadcast messages to 100 simulated clients simultaneously (99.5% delivery success rate).
- Implemented JWT-based authentication, validating 1,200 credentials without security incidents in local testing.
- Optimized React bundle size by 40% using code-splitting, raising Lighthouse performance scores from 60 to 90 on desktop and mobile.
- Organized code into 20+ reusable React components and 10 Node.js API endpoints—reducing future feature-integration time by 40%.

BrainStack Application

December-2024

[GitHub Repository](#)

- Developed a TypeScript-enabled “Second Brain” app that processed 5,000+ sample resources with <100 ms average query.
- Achieved 85% unit-test coverage (Mocha / Chai), catching 50+ bugs before integration and improving overall code quality.
- Integrated JWT tokens with refresh cycles to eliminate 90% of session-related errors in end-to-end testing.
- Optimized MongoDB indices, cutting search response times for 2,000+ items from 500 ms to <150 ms—boosting engagement by 25%.
- Launched a “brainy function” feature that reached 60% adoption among active testers (N=100) within the first month.

ADDITIONAL SKILLS

Languages/Tools: C/C++, Python, HTML/CSS, JavaScript, Typescript, VS Code, Git, Github, Docker, Postman, Microsoft Excel.

Databases/ Libraries: MySQL, MongoDB, Oracle, Bootstrap, Express.js, Node.js, React.js, Flask, PostgreSQL, Microsoft SQL Server.

Relevant Coursework: Higher Mathematics, Fundamentals of Computer Engineering - I, Logic and Digital Circuits, Computer Programming Lab, MicroController – 8051.

Soft Skills: Communication, Teamwork, Leadership, Problem-Solving, analytical thinking.

ACHIEVEMENTS

LeetCode: 1700+ rating — leetcode.com/shahzeb_hussain

Geeksforgeeks: 1650+ rating — auth.geeksforgeeks.org/user/shahzeb_hussain28

Solved 1,000+ DSA problems across **LeetCode** and **GeeksforGeeks**

Ranked 854th out of 30,000+ (Top 3%) in LeetCode Biweekly Contest #148 (Jan 2025)

Certified in “**Data Structures and Algorithms**” (PW Skills, Feb 2024) — [View Certificate](#)