

Ali Hamza

Islamabad, Pakistan

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Objective

Detail-oriented **Full Stack Developer** and Software Engineering student at FAST NUCES with hands-on experience in **Express.js, Node.js, TypeScript, MongoDB**, and the MERN stack. Skilled in designing and building scalable web applications, REST APIs, and databases. Experienced in **Java, JavaScript, C++, Python, SQL**, and modern software engineering practices including Agile, OOP, and design patterns. Seeking an entry-level role to apply full stack development expertise and contribute to impactful projects.

Education

Bachelor of Science in Software Engineering

2022 – Present

FAST NUCES, Islamabad

Relevant Coursework: OOP, Data Structures, Design & Analysis of Algorithms, Web Engineering, Database Systems

Skills

- **Programming:** C++, Java, JavaScript, TypeScript, C, SQL, Python
- **Web Development:** Full Stack (Express.js, Node.js, React, MongoDB), MERN Stack, Tailwind CSS, Bootstrap
- **Mobile Development:** React Native
- **Backend:** REST APIs, WebSockets, JWT Authentication
- **DevOps:** CI/CD (GitHub Actions)
- **Tools:** Git, GitHub, JIRA, Figma, Eclipse, VS Code, Swagger, Postman
- **Databases:** MySQL, MongoDB
- **Software Engineering:** OOP, Design Patterns, Agile (Scrum)

Experience

Project-Based Practical Experience

Ongoing

FAST NUCES, Islamabad

- Built full stack systems integrating responsive front-ends, REST APIs, and scalable databases.
- Developed real-life use cases for inventory systems, management portals, and dashboards.
- Applied Agile methodology, version control (GitHub), and CI/CD workflows for team projects.

Projects

Car Rental Management System (MERN Stack, Express.js, Node.js, MongoDB)

- Designed a web-based platform where users can create accounts, book vehicles, and view booking history.
- Built an admin panel with vehicle listing management, booking records, and role-based access control.
- Applied authentication using JWT and database integration with MongoDB.

WeatherX – Real-Time Weather Application (JavaScript, React, APIs)

- Developed a weather application that provides real-time data using third-party APIs.
- Designed with React for a responsive UI and JavaScript API calls for live updates.
- Implemented features like location-based weather, multi-day forecasts, and interactive dashboards.

CareerConnect – Job Fair Management System (C#, Windows Forms)

- Developed a desktop application to manage university job fair activities.
- Implemented student registration, job listings, applications, and interview scheduling.
- Recruiters post jobs, shortlist applicants, and schedule interviews.

Hostel Management System (JavaFX, Spring Boot, Spring MVC)

- Built a full-stack portal for hostel management with JavaFX frontend and Spring backend.
- Added modules for student registration, room assignment, fee management, and reporting.
- Integrated MySQL using JPA and JDBC for reliable persistence.