MUHAMMAD HUZAIFA BIN KASHIF

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Education

Fast University   **Aug. 2022 – Present**
BS Software Engineering   *Lahore*

Unique College   **April 2020 – June 2022**
Intermediate   *Lahore*

Relevant Coursework

- Data Structures
- Software Methodology
- Algorithms Analysis
- Database Management
- Cloud Computing
- Internet Technology
- Systems Programming
- Web Development

Experience

Techverx   **June 2025 – August 2025**
Full Stack Developer Intern   *Lahore*

- Completed a three-month internship at Techverx, Lahore (June–August 2025) as part of the development team for Project Friday, working with Next.js and .NET frameworks.
- Collaborated with senior developers to fix critical bugs, develop new APIs, and enhance application performance.
- Gained valuable experience in professional software development practices, teamwork, and delivering solutions in a collaborative, deadline-driven environment.

Projects

PhishGuard | *MERN Stack*   **2025**

- Built PhishGuard, a phishing-detection platform leveraging AES-based authentication, GEMINI API integration, and lightweight model training to classify suspicious URLs, emails, and messages.
- Implemented a secure password vault using DES encryption/decryption, along with password strength evaluation and strong-password generation.
- Developed a full Next.js application with protected routing through custom middleware and a clean and responsive UI.
- Deployed the application on Vercel, ensuring seamless performance and production-grade reliability.

Notelify | *MERN Stack*   **2025**

- Developed Notelify, a productivity platform for creating, organizing, and managing subject-wise notes and tasks.
- Integrated plagiarism detection to ensure content originality and support high-quality note-taking.
- Implemented secure and scalable user authentication for seamless multi-device access.
- Designed an intuitive and responsive interface to streamline academic workflow and task management.

Softec Management System | *MERN Stack*   **2025**

- Developed an event management system to handle events, registrations, and user management for Softec FAST.
- Implemented CRUD operations for events using MongoDB and Node.js backend.
- Created a responsive React.js frontend for users to view and register for events easily.
- Integrated authentication and role-based access control for admin and users.

ImpactX Clone Website | *ReactJS, NodeJS*   **2025**

- Developed a clone of the ImpactX website using ReactJS for the frontend and NodeJS for the backend.
- Implemented responsive UI components to replicate original website features and layouts.
- Integrated APIs to fetch dynamic content and provide seamless user interaction.
- Handled routing, state management, and backend integration to make the clone fully functional.

LESCO Billing System | *Java, SQL, Java Swing Framework*   **2024**

- Built a billing system for LESCO to calculate and manage electricity bills for customers.

- Integrated SQL database to store customer records, billing history, and payment status.
- Implemented GUI using Java Swing to generate bills and allow easy interaction with the system.
- Added validation and error-handling features to improve accuracy and user experience.

NIMBUS - A Weather App | *Java, SQL, Java Swing Framework*   **2023**
- Designed a desktop weather application using Java Swing Framework to display real-time weather data.
- Implemented SQL database to store city weather data and historical trends.
- Connected API calls to fetch live weather information from external weather services.
- Developed an intuitive UI with Java Swing to display weather forecasts and trends efficiently.

Library Management System | *C++, SQL, .NET Framework*   **2023**
- Developed a library management system to manage books, members, borrowing, and returns efficiently.
- Implemented SQL database to maintain records of books, users, and transactions.
- Built a C++ .NET frontend with forms for adding, updating, and deleting books and members.
- Added search and reporting functionality to track overdue books and generate daily reports.

Restaurant Management System | *C++, SQL, .NET Framework*   **2023**
- Created a restaurant management system to manage orders, menu items, and billing.
- Implemented SQL database to store customer orders, menu details, and sales reports.
- Developed a C++ .NET frontend for seamless order processing and real-time updates.
- Added features for generating invoices, tracking inventory, and managing staff operations.

Technical Skills

Programming Languages: Java, JavaScript, TypeScript, C++, SQL, HTML, CSS
Frameworks & Libraries: React.js, React Native, Node.js, Express.js, Next.js, JUnit
Databases & Tools: MongoDB, MySQL, SQL Server Management Studio (SSMS)
Version Control & Collaboration: Git, GitHub
Development Tools & IDEs: Postman, Visual Studio Code, IntelliJ IDEA, Eclipse
Web & UI Development: Responsive Web Design
Methodologies: Agile, Scrum
Soft Skills: Problem Solving, Leadership, Communication, Teamwork, Project Management

Leadership / Extracurricular

Deputy Head, Food Court   **2023 − 2024**
Softec FAST Lahore
- Assisted in managing the food court operations during events, ensuring smooth service and coordination.
- Collaborated with team members to organize schedules and manage vendor logistics.

Head, Logistics   **2023 − 2024**
JobFair FAST Lahore
- Planned and coordinated logistics for JobFair events, including venue setup, resource allocation, and volunteer management.
- Ensured timely execution of all event-related tasks to support seamless operations.

Head, Logistics   **2024**
TEDx FAST Lahore
- Oversaw all logistics for TEDx event, including scheduling, equipment management, and coordination with speakers.
- Led a team to ensure smooth event execution and participant satisfaction.