

Ahmad Ali Shah

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OBJECTIVE

As a 3rd-year Computer Science student, I am gaining expertise in software development, data structures, and algorithms. I aim to apply my skills in coding, problem-solving, and software development to create impactful projects and contribute to technological advancements. I value collaboration and strong communication, which enhances learning and innovation.

ACADEMIC BACKGROUND

❖ Currently Pursuing:

Bachelor's in Computer Science (Expected Completion: October 2026)

University of Engineering and Technology (UET), Lahore

Key Courses: Data Structures, Algorithms, Object-Oriented Programming, Web Development, Databases

Notable Projects:

- **Blog App:** A full-stack blog application built using the MERN stack (MongoDB, Express.js, React, Node.js) for creating and managing blog posts.
- **CLI-Based Bank Management System:** A command-line application utilizing Object-Oriented Programming (OOP) principles to manage bank accounts, transactions, and user interactions.
- **Blood Bank System:** A C# application for managing blood donations and requests in a blood bank system.
- **Dashboard for QASF:** A complete Admin Dashboard for Qasim Ali Shah Foundation (React)

❖ Intermediate (FSC Pre-Engineering)

Government College University (GCU), Lahore

2020 – 2022

Focus: Mathematics, Physics, Computer Science

❖ Matriculation (Science)

Beaconsfield High School

2018 – 2020

Focus: Physics, Chemistry, Mathematics

PROJECTS

Full-Stack Applications:

- **Blog App (MERN Stack)**
A blog platform with user authentication, CRUD operations, and a responsive UI.
Key Features: JWT Authentication, RESTful API, Tailwind CSS

- **Food Recipe App** (MERN Stack)
A recipe-sharing app with CRUD operations, user authentication, and recipe search.
Key Features: User authentication, Recipe management

Front-End Projects:

- ❖ **Tic-Tac-Toe Game** (React.js)
Classic game with real-time interaction and React state management.
Key Features: Interactive UI, Game logic
- ❖ **Daily News Updates** (React.js)
A news app fetching daily updates via an API.
Key Features: News API integration, Search functionality
- ❖ **TextTools Application** (React.js)
A text manipulation tool with real-time preview.
Key Features: Text transformations
- ❖ **Quiz Application** (JavaScript)
A quiz app score tracking.
Key Features: Question navigation, Score tracking
- ❖ **Admin Dashboard** (React js)
Complete admin dashboard in React js for Qasim Ali Shah Foundation (QASF)

Back-End and Full-Stack Projects:

- ❖ **Library Management System** (C#, .NET)
A system for managing books, including lending and returning.
Key Features: CRUD operations, User authentication
- ❖ **Blood Bank System** (C#, .NET)
A system for managing blood donations and requests.
Key Features: Donor management, Blood type matching

Front-End Projects:

- ❖ **Digital Clock** (HTML, CSS, JS)
A simple digital clock with real-time updates.
Key Features: Real-time clock

Command-Line Applications:

- ❖ **CLI-Based Bank Management System** (C#, OOP)
A CLI application for managing bank accounts and transactions.
Key Features: Account and transaction management

TECHNICAL SKILLS

- ❖ **Programming Languages:**
JavaScript, C#, Python, C++, HTML, CSS

❖ **Web Development:**

MERN Stack (MongoDB, Express.js, React, Node.js), REST APIs, HTML, CSS, Bootstrap, Tailwind CSS

❖ **Databases:**

MongoDB, SQL

❖ **Version Control:**

Git, GitHub

❖ **Tools & Frameworks:**

Visual Studio Code, Postman, npm, Express.js, React.js, Node.js

❖ **Other Technologies:**

Object-Oriented Programming (OOP), Command-Line Interface (CLI), C# (for Blood Bank System)

REFERENCES

References will be provided on request