Syed Ahmad Ali Shah

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LinkedIn | GitHub | Portfolio

Professional Summary

Final-year Computer Science student at UET Lahore with strong expertise in full-stack web development (MERN stack), C#, and AI integration. Proven ability to design scalable applications and real-time systems with secure authentication, RESTful APIs, and responsive UIs. Passionate about building impactful solutions and seeking a Software Engineering role.

Education

Bachelor of Science in Computer Science — UET Lahore (Expected Oct 2026)
FSc (Pre-Engineering) — Government College University, Lahore (2020–2022)
Matriculation (Science) — Beaconsfield High School (2018–2020)

Technical Skills

Languages: JavaScript (ES6+), Python, C++, C#, HTML5, CSS3
Frameworks & Libraries: React.js, Node.js, Express.js, Tailwind CSS, Bootstrap, WPF, MVC
Databases: MongoDB, MySQL, SQL Server
Tools & Platforms: Git, GitHub, VS Code, Postman, npm, OpenRouter API
Concepts: REST APIs, Authentication, CRUD, MVC, AI API Integration, Web Sockets, Responsive Design
Data & ML Tools: Pandas, NumPy, Matplotlib, Exploratory Data Analysis (EDA), Data Preprocessing, Sentiment Analysis

Experience

Admin Dashboard for Qasim Ali Shah Foundation
Feb 2024 – Apr 2024
• Designed and developed a complete Admin Panel for QASF using React.js, enabling efficient data handling with responsive UI, table filters, and state management.
• Recognized for delivering a real-world product used by a well-known foundation.

Projects

- ❖ **Resume Analyzer (AI-powered) | MERN Stack, OpenRouter API**

  - Built an AI-driven platform to analyze resumes against job descriptions with PDF parsing and match scoring.

- ❖ **Blood Bank Management System | C#, SQL Server, MVC**

  - Built a web app to manage blood donations, donors, patients, and inventory using ASP.NET MVC and SQL Server.

- ❖ **Language Exchange Platform | MERN Stack**

  - Real-time chat and video call platform with user profiles and language matching.

- ❖ **Blog App | MERN Stack**

  - Authenticated blog with CRUD, JWT, and RESTful API integration.

- ❖ **Expense Tracker App | MERN Stack**
  - Tracks income, expenses, and budget with secure login and dynamic chart visualization

- ❖ **Sentiment Analysis using BERT |** *Python, Hugging Face, Transformers, PyTorch*
  - Fine-tuned a multilingual BERT model on a dataset of 60,000 Urdu sentences to classify sentiment as positive or negative.
  - Used Hugging Face's Trainer API with tokenization, preprocessing, and model evaluation; achieved **93.7% accuracy**.
  - Performed error analysis and tracked performance using metrics like Precision, Recall, and F1 Score.

Note: Explore more projects on my GitHub Account

Other Projects: Tic-Tac-Toe, Quiz App, CLI Bank System, Library System , TextTool App Daily Digest News App , Digital Clock

References
Available on request.