

# Muhammad Shahbaz

## Software Engineer

Computer Science undergraduate and Full-Stack Web Developer skilled in Angular, .NET, Node.js, MongoDB, and SQL Server. Experienced in building scalable web applications, RESTful APIs, and AI solutions. Strong background in machine learning, databases, cloud computing, and industry experience at Speridian Technologies.



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☎ 03024449316

📍 Namal Mianwali, Mianwali, PK

📅 02, September 2004

🌐 Muhammad-Shahbaz

## EDUCATION

### Bachelor of Science in Computer Science

Namal University Mianwali

Oct 2022 - Jul 2026 | Mianwali, Pakistan | 3.19

#### Courses

- Artificial Intelligence
- Web Application Development
- Object Oriented Programming
- Database
- Machine Learning
- Compiler Construction
- Information & Cybersecurity
- Data Structures & Algorithms
- Computer Networks
- Cloud Computing

## PROJECTS

### AI-Powered Disaster Management System (FYP)

Software Developer

Built a full-stack AI-powered disaster relief platform built with Angular, Node.js, and MongoDB, coordinating victims, NGOs, and volunteers across 4 role-based dashboards. Features an ML forecasting model predicting 3-day resource demand, and real-time Leaflet.js disaster mapping.

### E-Commerce Bike Store

Software Developer

Built a responsive full-stack e-commerce platform with product catalog, advanced filtering, shopping cart, and payment gateway.

### Soybean Yield Prediction Model

Role

Developed regression model to predict soybean yield based on agricultural traits with feature engineering. Performed comprehensive EDA and statistical analysis with visualizations for model optimization

## WORK EXPERIENCE

### Software Engineering Intern

Speridian Technologies

Jul 2025 - Aug 2025 | Multan, Pakistan

#### Gained hands-on experience in full-stack web development

- Built backend services and RESTful APIs using .NET framework and C#
- Built frontend using Angular with typescript
- Designed and optimized database schemas and queries in SQL Server

## SKILLS



## ACHIEVEMENTS

### National Skill Competency Test (NSCT)

Higher Education Commission (HEC) Pakistan & National Skill Competency Test (NSCT)

Achieved 98.5 percentile in the National Skill Competency Test (NSCT), demonstrating strong competency in Programming, Software Engineering, Databases, AI/Machine Learning, Cyber Security, and Problem Solving.

Apr 2026

## CERTIFICATES

### Frontend Development Internship

CodeAlpha

Completed a virtual Frontend Development Internship focused on HTML, CSS, JavaScript, responsive web design, Bootstrap, and UI development.

May 2025

### Quaid-e-Azam Scout Certificate

Pakistan Boy Scouts Association (Punjab Branch)

Recognized for leadership, discipline, teamwork, community service, and participation in scouting activities.

## LANGUAGES

English

Professional Working Proficiency

Urdu

Native or Bilingual Proficiency

## INTERESTS

Developing Web Application

Technology Exploring

AI-powered applications

Web Security