

# Niyaz Ali

## Software Engineer

Software Engineer with practical experience in **Full-stack web development** and scalable applications. Passionate about building clean, efficient, and user-focused solutions. Strong understanding of **software engineering** principles, problem-solving with continuous drive to learn.



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📍 Mianwali, Punjab, Pakistan

🌐 niyazali

👤 Niyaz-Ali

## EDUCATION

### Bachelor of Science in Computer Science

Namal University, Mianwali

Oct 2022 - Jul 2026

## PERSONAL PROJECTS

### Cotton Yield and Boll Health Estimation System

Final Year Project

Developed a full-stack AI-powered cotton yield estimation system using MERN stack integrated with YOLOv8 and Random Forest models. Implemented RESTful APIs for image processing, cotton boll detection, and yield prediction, along with dashboards for real-time agricultural analytics and improved decision-making efficiency.

Sep 2025 - Present

### SkillConnect Service Platform | MERN

Developer

Built a responsive service marketplace platform connecting users with verified professionals. Implemented service browsing and booking features using React.js, Node.js, and MongoDB to improve engagement and accessibility.

Mar 2026 - Apr 2026

### Eye Hospital Management System | MERN

Developer

Developed a full-stack healthcare management system for multiple hospital branches using the MERN stack. Implemented APIs for patient records, appointments, and dashboards, improving administrative efficiency and streamlining operations.

Sep 2025 - Nov 2026

## WORK EXPERIENCE

### Data Analyst Intern

Oil and Gas Regularity Authority

#### Accomplishments / Tasks

- Processed and analyzed 500+ regulatory records, improving data accuracy by 30% through data cleaning and validation. Created 5+ reports and dashboards for 3 departments, reducing reporting time by 40% and improving workflow efficiency.

## SKILLS

React.js

Javascript

Node.js

Express.js

Restful APIs

MongoDB

MySQL

C++

Python

Microsoft Azure

Github

MS Office

## CERTIFICATES

### Data Analytics Internship Certification

Oil and Gas Regularity Authority

Recognized for processing and analyzing 500+ regulatory records, improving data accuracy by 30% through systematic cleaning and validation. Demonstrated strong analytical skills by generating management insights and optimizing reporting workflows.

Sep 2025

### Frontend Technologies Marathon Certification

Decentral Developers

Successfully completed frontend development assessments in HTML, CSS, JavaScript, and React, demonstrating strong UI development and problem-solving skills.

Feb 2025

### Full Stack Web Development Certification

Udemy

Completed a Full Stack Web Development course covering front-end and back-end development. Gained hands-on experience in building responsive UIs using HTML, CSS, JavaScript, and React, and developing server-side applications with Node.js and MongoDB. Built RESTful APIs and interactive web applications, strengthening practical development and problem-solving skills.

## LANGUAGES

### Urdu

Native or Bilingual Proficiency

### English

Professional Working Proficiency

## INTERESTS

Web Development

Cloud Computing

Problem Solving

Web and App Designing