

# Mirza Usama

☎ 03110714802 | ✉ mirza.codes7@gmail.com | 🔗 linkedin.com/in/mirza-usama | 🐙 github.com/MirzaEngineer  
📍 Faisalabad, Punjab, Pakistan

## PROFESSIONAL SUMMARY

Full Stack Developer and Software Engineering student with 3+ years of experience building scalable web and mobile applications using MERN stack, Next.js, and React Native. Specialized in AI Automation using n8n and LLMs to optimize business workflows. Proven ability to deliver high-performance applications with 99.5% uptime while following agile methodologies and implementing intelligent, automated solutions.

## TECHNICAL SKILLS

**Frontend:** Next.js, React.js, React Native, JavaScript (ES6+), HTML5, CSS3, Redux.js, Context API, Responsive Design  
**Backend:** Node.js, Express.js, REST APIs, Server-Side Rendering, API Integration, JWT Authentication  
**Database & Tools:** MongoDB, MySQL, Mongoose, Git, GitHub, Agile/Scrum, CI/CD Pipeline  
**AI & Automation:** n8n, Google Gemini API, OpenAI API Integration, AI Agents Workflow,  
**Specializations:** Full Stack Development, Mobile App Development, State Management, Performance Optimization

## PROFESSIONAL EXPERIENCE

### Full Stack Developer

Arsswift Private Limited

May 2021 – August 2023

Faisalabad, Punjab, Pakistan

- Architected 8+ MERN & React Native apps for 50k+ users, ensuring 99.5% uptime and 12s response times.
- Developed secure RESTful APIs with Express.js handling 10k+ daily requests and JWT/OAuth 2.0.
- Optimized frontend via code splitting and caching, significantly boosting performance and load speeds.
- Engineered cross-platform mobile apps with 95% code reuse and hybrid MongoDB/MySQL database architectures.
- Built cross-platform mobile applications with React Native, achieving 95% code reuse between iOS and Android

### MERN Stack Developer

PIAIC (Presidential Initiative for Artificial Intelligence & Computing)

October 2023 – July 2025

Faisalabad, Punjab, Pakistan

- Completed intensive program mastering MERN stack through 10+ full-stack projects including e-commerce and real-time apps.
- Implemented secure authentication, optimized database schemas, and followed Git feature branching strategies.

## KEY PROJECTS

### Enterprise E-Commerce Platform

Next.js, Node.js, MongoDB, MySQL, Stripe API

Full Stack Web Application

- Developed scalable e-commerce solution with product catalog, shopping cart, inventory management, and secure payment processing, resulting in 60% increase in organic traffic through SEO optimization
- Implemented admin dashboard with real-time analytics, order tracking, and customer management using MySQL for transactional data and MongoDB for product information

### Cross-Platform Mobile Application

React Native, Express.js, MongoDB, Redux

Mobile App Development

- Created full-featured mobile application for iOS and Android with real-time synchronization.
- Designed RESTful APIs with comprehensive error handling and implemented Redux for complex state management across authentication.

### AI-Powered Omnichannel Automation Agent

Dec 2025

Personal Project — n8n, Gemini AI

<https://github.com/MirzaEngineer/AI-Communication-Automator>

- Developed an autonomous AI agent using n8n and Google Gemini LLM to classify and respond to business communications across Gmail and WhatsApp.
- Automated context-aware drafting for emails and real-time WhatsApp replies, reducing manual response time by 80%.
- Built intelligent routing logic to distinguish between 'Orders' and 'Inquiries', ensuring personalized customer journeys.
- Integrated error-handling and automated triggers for 24/7 workflow execution, processing 100+ simulated interactions without manual input.

## EDUCATION

### The University of Faisalabad

Faisalabad, Punjab, Pakistan

Bachelor of Science in Software Engineering

October 2021 – June 2025

- Relevant Coursework: Data Structures & Algorithms, Database Systems, Software Engineering, Web Technologies, Mobile Development

## CERTIFICATIONS & ACHIEVEMENTS

- PIAIC MERN Stack Development Certification (2024) | Cybersecurity Awareness Certification
- Delivered 8+ projects ahead of deadlines while maintaining high code quality and security standards
- Active open-source contributor with 30+ commits to community repositories on GitHub