

# Nouman Ahmed

## Software Engineer

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## PROFESSIONAL SUMMARY

**MSc Artificial Intelligence student and Full Stack Software Engineer** with a proven track record of building scalable, maintainable, and data-driven solutions. Experienced in the entire development life cycle from problem analysis and ML model development to deployment and system integration. Committed to clean architecture and engineering best practices aligned with European industry standards. Actively seeking a working student or entry-level role in AI/ML or Software Engineering.

## SKILLS

**AI & Machine Learning** : Model Development, Optimization, Predictive Analytics, Python (NumPy, Pandas)

**Software Engineering** : Clean Architecture, OOP, RESTful APIs, System Integration, Git, Agile

**Full-Stack Development** : MERN Stack (MongoDB, Express, React, Node), Java, C++, Flutter, Firebase

**Web & Mobile** : HTML/CSS, JavaScript, Android Studio (Java), Cross-Platform Mobile Development

**Spoken Languages** : English : Fluent (C1), German : Basic (A2 - Actively Learning B1)

## EDUCATION

**Berlin School of Business and Innovation (BSBI)**

*Master of Science in Artificial Intelligence*

Oct. 2025 – Present

Berlin, Germany

**University of Gujarat**

*Bachelor of Science in Computer Science*

Sep. 2019 – Sep. 2023

Gujrat, Pakistan

## EXPERIENCE

**Rayan Pak Corporation**

*Full Stack Software Engineer & IT Lead*

Jan. 2024 – Aug. 2025

Sialkot, Pakistan

- Architected and maintained the company's enterprise platforms using the **MERN stack**, integrating AI-driven analytics to improve business decision-making by 20%.
- Developed an automated reporting system using HTML, JavaScript, and CSS to visualize real-time test results, streamlining internal communication.
- Directed the end-to-end SDLC for custom software and B2B platforms, ensuring high attention to code quality, security, and performance.
- Led technical onboarding for B2B clients, bridging the gap between complex technical implementations and strategic business requirements.

## PROJECTS

**Full-Stack MERN Application** | *MongoDB, Express, React, Node, JWT* | [Link](#)

- Built a secure authentication system using JWT for role-based authorization and session management.
- Developed RESTful APIs to handle complex CRUD operations with a responsive React.js frontend interface.

**Firebase Auth & CRUD** | *Flutter, Firebase Firestore, Cloud Auth* | [Link](#)

- Implemented robust authentication (Email/Password, Phone) and real-time data synchronization using Firestore.
- Optimized app performance through efficient data retrieval and state management in Flutter.

**Gym Reservation Bot** | *Python, Selenium, Google Cloud, Cron* | [Link](#)

- Automated timeslot registrations by deploying a Python/Selenium script on a Linux VM via Google Cloud Console.
- Scheduled execution using Cron jobs to ensure 100% reservation success rates during peak hours.

## CERTIFICATIONS

**MERN Stack Developer**

*NexusBerry Training & Solutions*

Jan. 2025

**Mobile Application Development**

*E-Rozgar (Specialization: Firebase, Mobile Applications)*

Feb. 2024

**Mobile Application Development**

*Ezilne Software House Pvt Ltd (Specialization: Flutter, Mobile Applications)*

Dec. 2023

**The MERN Stack Full Guide**

*Udemy*

Dec. 2023

## INTERESTS

AI & Image Processing, Ethical Hacking, Problem Solving, Gaming, Hiking, Traveling