

Muhammad AliRaza

(+92) 304-4573944

📍 Lahore, Pakistan

arazarao@gmail.com

[LinkedIn](#)

[GitHub](#)

Focused on doing good work, learning every day, and contributing where it matters. Passionate about building meaningful, user-centered solutions, always open to new challenges and honest, respectful collaboration.

WORK EXPERIENCE

SEPTEM SYSTEMS Pvt. Ltd

Associate Software Engineer

Lahore, Pakistan

January 2025–Present

- Working as a full-stack developer on **BionicWP**, a managed WordPress hosting platform, using **Vue 3 with Vuetify** on the frontend and **Nest.js** with **MySQL** (TypeORM) on the backend, **swagger** for testing API's.
- Developed scalable RESTful APIs and secure authentication flows, including 2FA, using **Nest.js**. Utilized dependency injection, modular services, guards, and DTOs for maintainable and structured backend logic.
- Integrated third-party services like **Stripe** for secure online payments, **Postmark** for transactional email delivery, and **Encharge** for automating personalized user workflows and targeted communications.
- Built modular, reusable UI components to accelerate development, improve consistency, and reduce duplication across the application. Implemented scalable reactive state handling using the **Composition API** with centralized state management through **pinia** to enable seamless data flow and maintainability in complex views.
- Also contributing to **Terstal.nl**, a major e-commerce platform for a leading Dutch fashion retailer, implementing responsive product listing pages and dynamic user account flows using Vue3 framework.
- On the backend, assisted in building and refactoring APIs for products, models and customer data using NestJS and MySQL, ensuring data consistency and performance across modules.
- Recently integrated the **face-api machine learning model** to detect model images within product photos and automatically update XML with AI-generated descriptions based on the model's appearance.

RecruitEye

Software Engineer Intern

Pennsylvania, United States

July 2024–September 2024

- Co-developed an AI-powered recruitment platform using **React.js** and **Node.js** (Express), designing frontend and backend modules in a modular, scalable architecture.
- Integrated automation using **Zapier**, and enriched candidate data with **Coresignal**, efficiently handling real-time data sync, seamless API integration, and external data enrichment processes.
- Developed and managed backend workflows using **Node.js** for server-side logic and **MongoDB** for database operations. Conducted testing of APIs using **Postman** to ensure reliability and functionality.
- Deployed services on **AWS EC2** with job listing via **S3**, ensuring high availability and performance.
- Collaborated on Python microservices for resume parsing and AI-driven candidate-job matching intelligence.

EDUCATION

NAMAL UNIVERSITY MIANWALI

B.S. in Computer Science

Mianwali, Pakistan

Oct 2020 – July 2024

CGPA: 3.05

- Marketing Director, **Sexual Harassment Committee**
- Founder, **EduAid - Future Crafters**
 - Non-profit organization for promoting equal education access.
 - Raised over PKR 1M+ to support underprivileged students.

Oct 2023 – Present

ACHIEVEMENTS

- **2nd Best Final Year Project** — Air University Multan Campus
 - Developed an AI-powered recruitment web app that ranked 2nd nationally out of 60+ projects from 30+ universities. Intelligently match candidates by skill and culture fit, reduce bias using ML, and provide actionable insights for employers. Built collaboratively using **Flask**, **JavaScript**, **SQLAlchemy**, **Scikit-learn**.