

RAJA IRFAN AHMED

SOFTWARE ENGINEER

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Professional Summary

I am a Software Engineer focused on building full-stack web applications and exploring modern, developing agentic engineering system workflow. I have two years of hands-on project experience mastering full-stack web development, version control and scalable deployment pipelines. Currently, I am converting my web development experience into advanced system development by integrating artificial intelligence and machine learning into full-stack web applications. I am highly adaptable and looking for software engineering internship role where I can solve difficult problems and contribute meaningfully to team.

Skills

- Programming & Core Concepts:** Java, Python, C++, Object Oriented Programming (OOP), SQL
- Web Development:** HTML5, CSS3, JavaScript, TypeScript, React, Next.js, Bootstrap, Tailwind CSS
- Version Control & DevOps:** Git, GitHub, GitHub Actions, Docker, Vercel, GitHub Pages, ESLint
GitHub Actions, Docker
- Core Competencies:** Problem Solving, Team Collaboration, Agentic Workflow Systems

Professional Experience

- WEB DEVELOPMENT (NUML University)

Islamabad, Pakistan

 - Hands-on coursework in HTML, CSS, JavaScript, and Bootstrap, building responsive, user-friendly web pages across semester-long projects.
Web Development Semester Project: (Feb to May - 2024)
- GRAPHIC DESIGN & PRINT MEDIA (NAV TTC)

Rawalpindi, Pakistan

 - Built a certification portfolio spanning branding, typography, and layout design, applying core visual communication principles across professional design tools.
Graphic Design Intern: (May to Aug- 2023)

Projects

- Advanced Subscription & Membership Platform (Final Year Project)

 - Create a detailed **subscription** and **membership** platform. It includes **role-based access**, **tiered plans**, **secure payments** and **file storage**. The backend has **27 tables** and **117 API endpoints**. Integrated **Stripe** for **subscription billing**. Used **Clerk** for **access control**. Utilized **Cloudflare R2** for **file storage**. Also employed **Socket.io** for real-time updates. Built **membership** and **usage dashboards** with **Next.js 15** using a **REST API**. The tech stack has **Next.js 15**, **TypeScript**, **Clerk**, **PostgreSQL**, **Stripe** and **Cloudflare R2**. Each tool plays a key role.
- Odor Men Clothing (Semester Project)

 - Launched a **product catalog site** on **GitHub Pages**. I tested its functionality on different screen sizes.
- Fitness Training Website

 - Built and deployed a **responsive multi-page site** from scratch, covering layout, structure and hosting.

Certifications

- Meta Front-End Developer – Meta (Coursera)
- Introduction to Front-End Development – Meta (Coursera)
- HTML and CSS in Depth – Meta (Coursera)
- Graphic Design (Print Media) – NAV TTC (Grade A)
- Introduction to AI in Data Center – Nvidia (Coursera)

Education

NATIONAL UNIVERSITY OF MODERN LANGUAGES

Islamabad, Pakistan

Bachelor of Science in Computer Science

2022-2026