

# UZAIR AHMAD

Johar Town , Lahore | +92 309 6874343 | [uzairahm290.dev@gmail.com](mailto:uzairahm290.dev@gmail.com) | [Github](#) | [Linkedin](#)

Full Stack Engineer with strong experience designing and developing scalable, high-performance web applications using Python (Django), Node.js, and .NET. Proficient in modern JavaScript frameworks including React and Next.js, with a solid understanding of building clean, maintainable, and secure codebases. Experienced in developing robust backend–frontend integrations, RESTful APIs, and database-driven systems. Skilled in version control, CI/CD pipelines, and automated deployment workflows, ensuring efficient and reliable software delivery. Actively exploring the integration of AI and intelligent systems to build data-driven applications that enhance user experience and optimize system performance.

---

## SKILLS

- **Languages:** JavaScript/TypeScript, Python, C#
- **Frontend:** React, Next JS, Vue, Tailwind CSS, Redux, HTML5/CSS3
- **Backend:** Node.js, Express.js, Django, ASP.NET Core, REST APIs, WebSockets
- **Databases:** PostgreSQL, MongoDB, SQLite, Prisma ORM
- **Cloud & DevOps:** AWS, Azure, Docker, Kubernetes, GitHub Actions (CI/CD)
- **Architecture & Security:** Microservices, System Design, JWT/OAuth, RBAC, SOC Workflows, Malware Analysis

---

## EXPERIENCE

### Software Engineer | AlforMax

Apr 2025 – Present

- Optimized API response times by 40% and integrated AI components, resulting in a 15% increase in user automation efficiency.
- Developed and maintained AI-driven web applications using Python (Django), Node.js, and .NET with React/Next.js frontend.
- Engineered real-time features and asynchronous background tasks using WebSockets and Celery to support high-load AI processing.

### Associate Software Engineer | AlforMax

Oct 2024 – Apr 2025

- Reduced deployment failure rate by 99% by implementing a robust CI/CD pipeline using GitHub Actions.
- Built and integrated RESTful APIs supporting AI workflows and data-driven features.
- Optimized database queries across PostgreSQL and MongoDB, improving data retrieval speeds for frontend dashboards.

### Full Stack Engineer | Usync Solutions

Sep 2022 – Oct 2024

- Developed and maintained scalable full-stack web applications using Django and React, ensuring clean architecture and high performance
- Designed and integrated RESTful APIs to connect multiple third-party platforms, streamlining internal workflows and improving system interoperability.

- Collaborated through Git (GitHub) using feature branching and code reviews, and implemented CI/CD pipelines to enable smooth and reliable deployments.
- 

## PROJECTS

### CyberCrux – AI Interview Platform (React & Python)

- AI-powered platform for cybersecurity interview preparation featuring mock assessments, curated books, learning roadmaps, and project ideas.
- Designed interactive labs simulating 5+ attack vectors (SQLi, XSS), increasing user engagement time by 25%.
- Implemented WebSockets for real-time notifications, a streak system to boost user engagement, and automated badge assignments to reward learning milestones.

### Mission Inbox – Automated Email Outreach Platform (Next JS, Python, Celery)

- Engineered a high-performance email outreach application, developing complex bulk email creation workflows using Python and a responsive Next.js frontend.
- Architected asynchronous background task processing using **Celery** to handle large-scale email dispatching efficiently without blocking the main application thread.
- Implemented real-time API polling and integrated **WebSockets** to provide users with live updates on email delivery statuses and campaign analytics.

### Eventra – Event Management Platform (Web Application)

- Developed a full-stack event management platform using React.js for the frontend and ASP.NET Core for the backend.
- Implemented user authentication, event creation, registration, and event management features.
- Designed and integrated RESTful APIs with a database to efficiently manage events, users, and bookings.
- Followed clean architecture principles, focusing on scalability, maintainability, and an intuitive user experience.

### GamePalace – Gaming Asset Marketplace (Next JS, TypeScript, Node JS)

- Developed a complete full-stack e-commerce marketplace for digital gaming assets, leveraging the unified power of Node.js across the entire ecosystem, with a responsive frontend built on Next.js and TypeScript.
- Designed scalable PostgreSQL database schemas and complex queries using the modern Prisma ORM, and implemented secure JWT authentication (via passport-jwt) and robust role-based access control (RBAC) entirely within the Node.js backend environment.
- Engineered complex global state management for the shopping cart using Redux, and integrated secure payment processing via a high-performance RESTful API built with Express, ensuring seamless and reliable transactions.

### Qalbiyah | Full-Stack AI Wellness App

- Built a **React & Node.js** platform providing emotion-driven spiritual recommendations through **Natural Language Processing**.
  - Integrated **RESTful APIs** with **MongoDB** to manage a library of 500+ Duas, Ayats, and interactive educational quizzes.
  - Implemented custom logic to correlate user sentiment scores with historical datasets for personalized content delivery.
-

## **EDUCATION**

### **Bachelor of Science in Computer Science | FAST - NUCES**

- Recognized member of FAST NUCES' SOFTEC Society
  - Relevant Coursework: Programming Fundamentals, Data Structures, Assembly Language
  - Gained proficiency in 8088 Assembly Language for low-level programming applications
- 

## **AWARDS & CERTIFICATES**

- CTF Winner at TechVerse'24 by UMT
- 2nd Place – Blue Teaming (Regional) at Cybersecurity Hackathon 2023 by Ignite
- Google CyberSecurity Professional Certificate