

## Objective

Software Engineer specializing in MERN stack with growing expertise in cloud-native technologies. Proficient in Express.js, NestJS, React.js, Next.js, and Flask, with experience in Docker, Kubernetes, and AWS. Focused on building scalable applications while expanding knowledge in modern distributed systems.

## Experience

**Software Engineer at EliteITTeam, Manchester (UK) (Remote)** *Sept 2024 - Present*

- Spearhead development of complex systems, focusing on scalability and performance optimization for high-traffic applications
- Implement CI/CD pipelines with containerization using Docker and container orchestration practices
- Optimize production container images and implement monitoring solutions for application performance
- Configure and manage Nginx for reverse proxy, load balancing, and SSL termination
- Mentor junior Engineers, fostering code quality and introducing modern development practices including containerization

**Associate Software Engineer at EliteITTeam, Manchester (UK) (Remote)** *Sept 2023 - Sept 2024*

- Developed scalable systems for both company products and client projects, focusing on robust backend creation and system design
- Led system maintenance and upgrades across product lines, adapting to new requirements and implementing containerized deployment strategies
- Managed diverse projects while learning and implementing container-based development workflows

## Education

**Bachelors of Science in Computer Science**

*National University of Sciences and Technology, Islamabad*

*2021-2025*

## Projects

**Dynamic Widget Injection System (client work)**

Engineered a comprehensive Ad Management Solution with Google Tag Manager API integration and custom dashboard:

- Automated Tag and Trigger creation via Google Tag Manager's API
- Dynamic widget positioning with responsive design and UTM parameter handling
- Real-time tracking and admin dashboard for performance analytics

**Tech Stack:** TypeScript, React, Next.js, Google Tag Manager API, Supabase

**Kyverno to Rego Policy Translator (Final Year Project)**

Developed a tool to convert Kyverno policies into Rego policies for enhanced cloud-native security interoperability:

- Analyzed syntactical and semantic differences between policy formats
- Designed robust architecture for accurate policy conversion
- Explored programmatic mapping and AI-assisted translation approaches

**Tech Stack:** Kubernetes, Docker, Kyverno, Open Policy Agent, Rego, Golang

## Skills

- **Cloud & Infrastructure:** Docker, Kubernetes, AWS, CI/CD, Nginx
- **Backend:** NestJS, Express.js, Flask, FastAPI, tRPC, MongoDB, PostgreSQL, Redis, Payment Gateways
- **Frontend:** React.js, Next.js, Redux, React Query, Component Libraries for UI
- **Programming Languages:** JavaScript, TypeScript, Python, Golang
- **Soft Skills:** Problem-Solving, Adaptability, Strategic Problem-Solving, Solution Architecture
- **Ongoing Learning:** Microservices Design Patterns, Advanced Kubernetes

## Certifications

- AWS Certified Solutions Architect – Associate (Issued: July, 2025)