Talha Zulfiqar

Full-stack developer (3+ years) delivering React/Next front-ends and Node/Nest APIs with real-time features (Socket.io), strong testing practice (Cypress, Postman), and DevOps know-how (GitHub Actions, AWS). Shipped Web3 marketplace and live AMA streaming, improved performance, reliability, and developer velocity. Looking to build high-impact, scalable products in a modern TypeScript stack.

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Skills

Languages: JavaScript, Python, C, C++
Frontend: React, Next.js, TypeScript, Tailwind CSS, Redux, Zustand, PWAs, Styled-Components
Backend: Node.js, Nest.js, Express, MongoDB, Socket.io
Testing/QA: Cypress, Postman, Swagger/OpenAPI, BrowserStack, OWASP ZAP, Burp Suite
DevOps/Cloud: GitHub Actions, AWS (EC2, ECS, S3), Nginx, PM2
AI/Vector: LangChain, OpenAI API, TensorFlow, Pinecone
Tools: Git, npm • pnpm • yarn, Figma

Experience

Full-Stack Web Developer — Algo Alliance (Dubai) · 09/2022–03/2024

- Launched a Web3 platform (NFT marketplace, staking, launchpad, social features), reaching **8,300+ monthly active users** with **18% month-1 retention**.

- Built a **real-time AMA** (Socket.io) handling **12,000+ concurrent viewers** with **p95 latency < 280 ms**, lifting live session retention **+22%**.

- Optimized key API endpoints (indexes, caching) to cut average response time by **35%** and reduce error rate by **42%**.

- Implemented image/CDN strategy and code-splitting that reduced critical Next.js page load by **27%**.

- Introduced structured logging and alerting, bringing incident **MTTR down to 45 minutes** for high-traffic paths.

Quality Assurance & Testing Specialist — Algo Alliance · 09/2023–03/2024

- Built **Cypress E2E** and **Postman** API suites (~**230** flows), raising pre-merge coverage to **82%** and reducing escaped defects by **38% QoQ**.

- Integrated tests into **GitHub Actions** with parallelization/caching, cutting CI build-and-verify time by **41%**.

- Performed security testing with **OWASP ZAP** and **Burp Suite**, remediated **17** high/medium issues pre-release.

- Executed **cross-browser/device** checks on BrowserStack: validated **15** priority user journeys across **8** browsers/devices.

- Led bug triage with SLAs, reduced average fix turnaround from **9 days** to **3 days**.

Projects

AI Student Support Agent — University of Suffolk
LangChain, OpenAI API, TensorFlow, Pinecone

- Built a 24/7 agent for student FAQs and document workflows, achieved **86%** answer accuracy on an internal test set with **2.9s** median response.

- Implemented retrieval-augmented generation over **1,200** knowledge items in Pinecone, and reduced manual email queue volume by **40%** for common requests.

- Added guardrails, prompt evaluation, and telemetry to keep hallucination rate **< 4%**, shipped an admin feedback loop for continuous improvement.

Location | Ipswich, England

EDUCATION

University of Suffolk
MSc Computer Science

Riphah International University
BS Computer Science

INTERESTS

Traveling - Gym - Boxing - Learning new technologies

LANGUAGES

- English - Fluent
- Urdu - Native