Uzair Waseem

SECURITY-AWARE SOFTWARE ENGINEER | AUTH, RISK SYSTEMS AND SECURE DELIVERY

Dublin, Ireland | uzairwaseem29@gmail.com
uzairwaseem.com | linkedin.com/in/uzair-waseem | github.com/Assembler-Fourier
Stamp 1G expiry: 30 April 2028 | Available immediately for IT roles | Can relocate across Ireland within one week
Own car and full Irish driving licence

PROFILE

Dublin-based software engineer and MSc Cybersecurity graduate building tested products with explicit authentication, authorization, risk and data-isolation boundaries. Combines Rust, Go, Python/FastAPI, TypeScript and PostgreSQL delivery with OWASP-aware implementation, negative testing and documented release risk.

TECHNICAL SKILLS

Secure software: Rust, Go, Python, FastAPI, TypeScript, REST APIs, PostgreSQL, Redis

Application security: authentication, authorization, JWT, Argon2id, RLS, rate limiting, OWASP, secure SDLC, threat modelling

Detection and verification: scikit-learn, event-driven architecture, tamper-evident audit, Playwright, API testing, negative testing, Pytest

Delivery: GitHub Actions, CI/CD, Docker, Docker Compose, Vercel, technical documentation

PROFESSIONAL EXPERIENCE

Software Engineer & QA - TalentHunter Ltd

Sep 2026 - Nov 2026 | talenthunter.me

- Contributed to platform development and end-to-end testing across candidate, employer and admin workflows.
- Investigated frontend and backend defects, reviewed code changes and documented findings to support release decisions.

Control Room Manager (weekends) - Threadstone Security Ltd

Nov 2025 - Present

- Coordinate rosters and staffing changes for a security workforce of approximately 300, using a personally developed rostering system.

Software Engineer (Full-Stack) - Outstanding Marketing

Remote - Germany | Feb 2025 - May 2026 | outstanding-marketing.de/en

- Built React and TypeScript interfaces, internal dashboards and Node.js API integrations for e-commerce workflows.
- Automated reporting and QA checks; translated stakeholder requirements into scoped development tasks.

Software Engineer - LocalhostLabs

Pakistan | Jun 2024 - Dec 2024 | localhostlabs.tech

- Built web and backend workflows connecting REST APIs and databases. Investigated defects and supported documentation, QA triage and release handoffs.

Software Engineering Roles - Octans Digital (OD)

Islamabad, Pakistan | Nov 2020 - Apr 2024 | octans.ai

- Completed development tickets, including C# tasks, through intern, junior and associate roles alongside Computer Science studies.

SELECTED ENGINEERING PROJECTS

VaultWatch - Polyglot AI and Security Operations Platform

Stack: Rust/Axum, Go, Python/FastAPI, scikit-learn, Next.js/TypeScript, PostgreSQL, Redis, Docker Compose, GitHub Actions
Live showcase | GitHub source

- Built a four-service fraud and account-security platform spanning Rust risk scoring, Go authentication and anomaly detection, and a Python/FastAPI multi-agent pipeline with the Anthropic SDK and bounded tool use, surfaced through a Next.js operations dashboard.
- Added deterministic replay, synthetic-data boundaries and cross-language CI; full Docker Compose verification exposed and fixed persistence-serialization and WebSocket cleanup defects.

HouseFair - Shared-Living Full-Stack Product

Stack: Next.js 16, React 19, TypeScript, Supabase Auth/PostgreSQL/RLS, Zod, Playwright, PWA
Live product | GitHub source

- Designed and deployed an installable household workspace for recurring chores, groceries, shared expenses and calmer issue workflows.
- Enforced server-resolved household membership with PostgreSQL RLS as a second boundary; 12 mobile Playwright checks pass across Android and iPhone PWA viewports.

EDUCATION

MSc Cybersecurity - National College of Ireland, Dublin | 2025 - 2026 | Graduated April 2026

BSc Computer Science - FAST NUCES, Pakistan | 2020 - 2024