



Yasir Aslam  
SSE / 8 YOE

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## Experience

### Convert

Senior Software Engineer - (Rust-Htmx-Sqlx)

Amsterdam, Netherlands (Remote)  
Dec 2025 - Present

- Led end-to-end ownership of critical infrastructure. Designed and delivered custom domain system: DNS verification → SSL/Cloudflare integration → marketplace slug routing → backend migration. Built validation framework systematically rolling across 20+ component types (switch, checkbox, dropdown, text input, button group, multiple choice).
- Fixed race condition in concurrent table edits—prevented data loss under load. Implemented web components (tabs, arrows, numbers, embed) with full state management, lifecycle optimization, and stylesheet integration.
- Identified and architected testing gap. Authored RFC-001 after discovering 16+ untested critical paths (billing, auth, subscriptions, permissions). Designed test pyramid strategy, created 3-phase rollout prioritizing business risk. Established httpmock pattern for external API integration testing.
- Delivered deterministic testing practices. Built database testing patterns, fixture strategy, and test utilities. Integrated Vitest for JS component testing; established Cypress E2E patterns.
- Embodied craftsmanship and team culture. Integrated 30+ code review improvements; documented architectural decisions and component patterns; mentored teammates on state isolation and rehydration approaches.

### Altruistic

Senior Software Engineer - (Vue-Node-Terraform-AWS)

United Kingdom (Remote)  
Nov 2024 - Dec 2025

- Developed and owned the **Notifications feature** end-to-end, ensuring reliable event ingestion across 32 use cases and driving significant improvements in business efficiency.
- Delivered large-scale projects: **bulk onboarding** of customer facilities and **end-to-end analytics** for global brands including **Coca-Cola, Starbucks, Nando's, Huel, and Careem**.
- Set a **new standard for engineering demos**, improving review efficiency and visibility for squads and stakeholders.

### Abyss Solutions Ltd

Senior Software Engineer - (Threejs, React, Nestjs, AWS)

Sydney, Australia (Remote)  
Nov 2022 - Nov 2024

- Architected backend using NestJS, enabling scalable 3D asset pipeline.
- **3D Asset Labelling:** Spearheaded architecture and development of 3D Asset Labelling software, boosting **process efficiency by 200%**.
- **Reporting Module:** Developed reporting module that increased **user engagement by 50%**.

### Ekkel AI

Full Stack Engineer

Lahore, Pakistan  
2021 - 2022

- **Craftly.ai:** Spearheaded development of AI copywriting tool resulting in **10,000+ active users** and **\$5M seed funding**.
- **Zenith Exchange:** Architected and secured exchange system leading to **\$35M in funding** and **\$2M daily trading volume**.
- **NFT Marketplace & LLMs:** Deployed NFT Marketplace and LLM integrations, **boosting Ekkel revenue by 50%**.
- **Internal Tools:** Streamlined company's internal tools, leading to **2x increase in developer productivity**.

### Carcort

Full Stack Engineer (Contract)

Lahore, Pakistan  
Mar 2020 - Apr 2021

- **MVP Development:** Pivotal role in streamlining features and achieving MVP in record time, resulting in **3,000 active daily users**.
- **Feature Velocity:** Led Frontend and Backend development achieving **20% increase in Sprint Velocity** using DORA metrics.

### Ewagers

Full Stack Engineer (Contract)

Lahore, Pakistan  
Feb 2019 - Dec 2019

- **Wagering Platform:** Developed full platform handling **thousands of wagers daily** with Stripe payment integration.
- **CI/CD Pipeline:** Managed CI/CD pipeline infrastructure, enabling **40% increase in Deployment Frequency**.

## Profiles

**Github**  
[Yasir Aslam](#)

**LinkedIn**  
[Yasir Aslam](#)

## Skills

### React

React Hooks, State Management (Redux/Jotai), React Testing Library, Component Patterns, Performance Optimization, Server Components, Context API

### Node.js / Bun

Express.js, Bun Runtime, Async/Await Patterns, Event Loop Optimization, Worker Threads, Stream Processing, Performance Tuning

### JavaScript / TypeScript

ES6+, TypeScript Advanced, Async Patterns, Functional Programming, Type Safety, Decorators, Generic Types

### Testing & QA

Jest, React Testing Library, Cypress E2E, Integration Tests, Unit Tests, Test Fixtures, Mocking Strategies

### Backend & APIs

REST Architecture, GraphQL, API Design, Authentication/Authorization, Microservices, Webhooks, API-First Design

### Databases

PostgreSQL, MongoDB, Redis, Query Optimization, Schema Design, Transaction Isolation, Indexing

### DevOps & Infrastructure

Docker, GitHub Actions, CI/CD Pipelines, Deployment Strategies, Fly.io, DNS/SSL, Monitoring

### Frontend Ecosystem

Tailwind CSS, CSS Grid/Flexbox, Web Components, DOM APIs, Responsive Design, Accessibility, Performance Metrics

### Cloud & Infrastructure

AWS Services, Lambda, S3, RDS, Route53, CloudWatch, IAM

### Communication

Code Review, Documentation, Mentoring, Cross-functional Collaboration, Technical Demos, Stakeholder Management, Adaptability